

Roofing—Siding and Metal Ceiling

**CHICAGO
HOUSE
WRECKING
COMPANY**

**The Price
Wrecker
No R54**

QUALITY—You can make your selections from this catalog with a feeling of absolute safety, for dependable material of proved quality *only* is offered. The prepared roofing, metal roofing and siding, ornamental steel ceiling and accessories will perfectly meet the purposes for which they are manufactured and intended. In truth, a better selection was never assembled between the covers of any book.

ECONOMY—Our prices on the offerings in this book probably show a greater saving than on anything we handle. Thousands of keen, careful buyers in every part of the country have learned this to their profit and satisfaction. Our "*different*" purchasing methods and our \$10,000,000.00 buying power gives us an overwhelming advantage that virtually wipes out all competition.

SERVICE—Without quick, complete, perfect deliveries the splendid quality and big savings we are able to assure you would lose much of their attractiveness. Our tremendous stocks—always filled to overflowing—are always ready under normal conditions — ready for instructions from countless thousands of buyers just like you. Never before have we been so splendidly equipped to meet the demands of our customers.

SATISFACTION—You can rely on every printed word, every description, every specification and illustration in this book. This is just as important to us as it is to you, for we cannot afford to misrepresent anything. We want your respect and patronage—to have and to hold both. Every shipment large or small is made to you under the provisions of our well-known and liberal money-back guarantee. We urge the return of any purchase that does not give you the satisfaction you have a right to expect.

HARRIS BROTHERS Co
35th and Iron Streets
CHICAGO

40 ACRES OF BARGAINS

In all the great city of Chicago it would be difficult to find a busier spot than the one shown here in the birds-eye view of our immense 40 acre plant, located at 35th and Iron Streets. It is by far the largest business establishment of its kind in the world.

The phrase, "40 acres of bargains" is by no means a fanciful one. It is a literal and exact definition of our plant—40 acres crowded and teeming with bargains of every conceivable nature.

The enormous size of this plant affords us unsurpassed facilities for the economical handling of our numerous stocks of merchandise. Our tremendous buying power, represented by our \$10,000,000 capital, enables us to buy gigantic stocks of all kinds and, paying cash as we do, we are in a position to secure price concessions which are often denied smaller buyers. Our vast warehouse capacity and our unexcelled shipping facilities enable us to keep these stocks moving; thus our customers are the ones who receive the benefit of the low prices which only a stupendous volume of business can make possible.



When In Chicago Visit Us

We extend you a most cordial invitation to visit our plant whenever business or pleasure brings you to Chicago. You would find a trip through this establishment not only interesting but highly instructive as well. You have a pretty fair idea of the extent of a 40 acre field. Well, just imagine a field of that size filled with row after row of huge factory, warehouse and store-room buildings as shown in the picture above. Then imagine all the available floor space of these immense buildings from basement to roof crowded with practically every kind of merchandise you can think of—a vaster quantity than all the stores combined in a good-sized city could show. That is the only way you can form even a faint idea of the magnitude of our plant.

So by all means pay us a visit the next time you are in Chicago. You will be shown every courtesy, made to feel at home and it will give us much pleasure to conduct you through our various factories and store buildings. You will then have a clearer idea of why we are justified in calling ourselves "the greatest price wreckers the world has ever known."

Respectfully,

Harris Bros. Company

We Hand You Back \$1.50 In Roofing Value For Every Dollar You Hand Us

No stronger, or more conclusive proof of the literal truth of the above statement can be had, than by a comparison of our roofing prices with the prices quoted by other concerns, on roofing of the same quality.

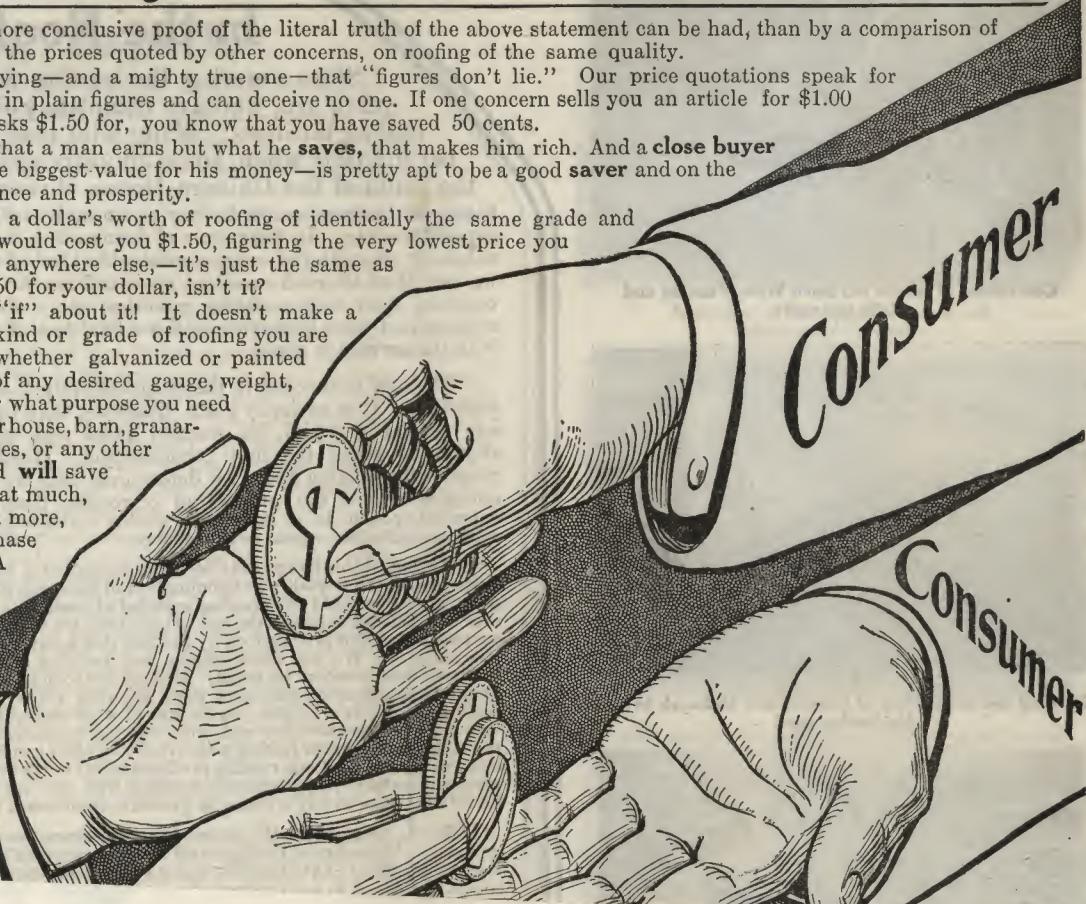
There's an old saying—and a mighty true one—that "figures don't lie." Our price quotations speak for themselves. They are in plain figures and can deceive no one. If one concern sells you an article for \$1.00 that another concern asks \$1.50 for, you know that you have saved 50 cents.

It isn't so much what a man earns but what he **saves**, that makes him rich. And a **close buyer**—one who demands the biggest value for his money—is pretty apt to be a good **saver** and on the sure road to independence and prosperity.

Now if we sell you a dollar's worth of roofing of identically the same grade and quality as that which, would cost you \$1.50, figuring the very lowest price you could possibly buy it anywhere else,—it's just the same as handing you back \$1.50 for your dollar, isn't it?

Well, there is no "if" about it! It doesn't make a bit of difference what kind or grade of roofing you are thinking of buying—whether galvanized or painted steel or ready roofing of any desired gauge, weight, ply or thickness—or for what purpose you need roofing; whether for your house, barn, granaries, sheds, poultry houses, or any other building—we **can** and **will** save you proportionately that much, and in some cases even more, on every roofing purchase you make from us. A single trial order will prove this to your complete satisfaction.

Harris
Bros.



Special Announcement No. 54

With this issue of our Catalog we are obliged to advance our prices on both painted and galvanized sheets, in all styles, due to the unsteady condition of the metal market. The price advances below on this material cancel and supersede the printed prices in this book.

Galvanized Sheets

On all grades of galvanized sheets in flat, corrugated, V crimped, standing seam, beaded ceiling and brick siding style, our price is 75c per square higher than prices shown in this book.

Painted Sheets

On all grades of painted sheets in flat, corrugated, V crimped, standing seam, brick siding and beaded ceiling sheets our price is 60c per square higher than prices shown in this book.

HARRIS BROTHERS CO.

You will notice on the following pages that wherever we do business in the Union. This applies to Roofing material alone, however. Prices quoted on other material in this book are quoted F. O. B. cars Chicago or factory where made.

Not only do we save you big money on your roofing purchase you make from us, tell you the **best** roofing it is possible to buy at **any** price.

The fact that this is a broad statement to deny that there are a number of manufacturers in the market. Nevertheless it is literally true that you can read in this book how carefully our company only the very best grade of material that we can afford to buy; and then when you compare our prices with those of other manufacturers, dealers and mail order houses you will find that they are not necessarily the best. The reason for this is that our roofing is made of the finest materials available and is produced under the most favorable conditions. We believe that our roofing is the best in the world.

This is not always the case, however, with regard to the cost of shipping. The cost of shipping depends upon the distance from the factory to the point of delivery. The cost of shipping is determined by the weight of the roofing and the distance it must travel. The cost of shipping is also affected by the time of year when the roofing is shipped. The cost of shipping is also affected by the time of year when the roofing is shipped.

We quote prices freight prepaid to any State or City in the United States. Prices quoted on other material in this book are quoted F. O. B. cars Chicago or factory where made.

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HARRIS BROTHERS COMPANY, 35th and Iron Streets, Chicago, Ill.

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A Few Views At Random



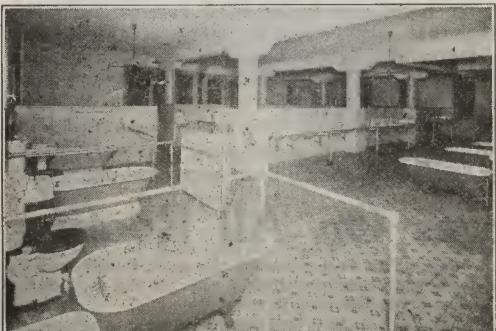
One corner of where our Barb Wire, Fencing and Nails are made.



Loading and assembling of Lumber and Millwork in our big lumber yard



A section of where our Portable Houses are made and sent direct to you



A view of our enormous Plumbing display salesroom

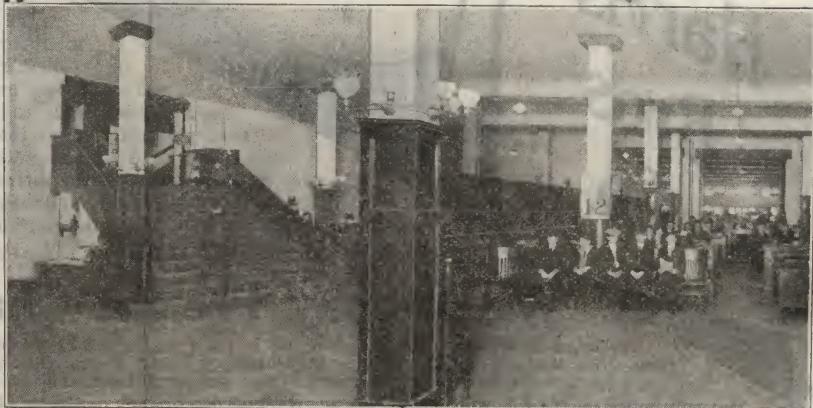
Our Leadership In the Roofing Field

Since entering the roofing field, a number of years ago, we have completely revolutionized the roofing business. Many who read this will remember the time when, some 20 years ago, operating under the name of the Chicago House Wrecking Company we began our business career by buying up and wrecking large buildings, expositions, etc. In the course of dismantling these big structures we naturally encountered every conceivable kind of roofing material, and we were thus afforded excellent opportunities for studying their composition, their wear-resisting qualities, etc. For, mind you, those roofings had been in service; and the final test of any roofing material is in the **service** it gives.

The roof is exposed to the elements more than any other part of a building. It is perfectly plain, therefore, that in the construction of any roofing material, its weather proof and wear-resisting features should be given the first consideration. Hence, when we decided to enter the roofing field, we determined that we would bend all our energies toward the production of roofing that could absolutely be depended upon to be of the highest quality that a combination of experience, skill and unlimited capital could produce.

We can truthfully say that we have consistently held fast to our original purpose of making **quality** paramount and of bringing the first cost down to a point where we could offer roofing material of **quality for less money** than it had ever been offered before in the entire history of the roofing business. How well we have succeeded is evidenced by the fact that today we dominate this important industry. We sell more roofing and building material to the consumer than any other concern on earth. Most of our roofing is made by us. Glance at the illustrations on the next page showing views of our enormous steel roofing plant. It will give you an idea of what vast quantities of steel roofings we turn out day after day and will help you to understand why we are in a position to quote lower roofing prices than any other concern on earth. Because, mind you, we sell **all** our roofing products direct to the consumer. You pay just what it costs us to manufacture the roofing with only our one small profit added. You do not have to pay a penny in profits to middlemen or dealers.

Besides being extensive roofing manufacturers, we also buy up enormous quantities of brand new roofing of all kinds at receivers', sheriffs' and bankrupt sales. Our capital of \$10,000,000, which gives us practically an unlimited buying power, enables us to pay spot cash for entire stocks that are often thrown on the market in this way and to secure price concessions that are denied smaller buyers. Thus, we frequently acquire strictly high-grade, brand new roofing at prices which make it possible for us to sell it at **actually less than the cost of manufacture** and it always gives us a great deal of pleasure and satisfaction to pass these roofing "snaps" along to our customers. And remember, that on **every** roofing purchase you make from us you **actually save from one-third to one half** of what you would have to pay for the same quality elsewhere—either metal or ready roofing. Furthermore, we absolutely guarantee this big saving and back up our guarantee with the entire strength of our \$10,000,000 capital.



One corner of the entrance to our general offices

HARRIS BROTHERS COMPANY, 35th and Iron Streets, Chicago, Ill.

Of Our Enormous Plant

Our Department of Roofing Experts

We have given you logical and convincing reasons as to why we can save you big money on any roofing purchase you make from us. You can conservatively figure this saving at from 30 to 50 per cent, in every instance. But this saving, important as it is to every one who buys roofing, is only one of the ways in which you will be benefitted if you send us your order.

For the special benefit of our roofing customers we maintain a department of experts. From their many years of experience in encountering and successfully solving roofing problems of every kind, they are thoroughly equipped to give **you** advice on **your** roofing problems.

It matters not what kind of a building you are about to roof—whether it is a new house, barn, warehouse, school building, church, store or some other structure, and you are in doubt as to what kind of roofing is best adapted to it; or whether it is an old building that needs roofing repairs or a new roof—all you have to do is to lay the facts before us and our roofing experts will at once advise you impartially and intelligently. They will tell you the kind of roofing that is best suited to your particular requirements.

If you send along the dimensions of your roof they will tell you just how much of a particular kind of roofing you will need. They will give you an estimate of the exact cost of the roofing and all accessories laid down at your station. They will tell you exactly how to go about laying the roof so that you can complete the job in the shortest space of time and with the least labor. They will point out errors you should avoid, that might possibly give your roofing job a "botchy" appearance, and will give you valuable pointers which, if followed, will make your roof look as though it was put on by an expert roofer.

You cannot possibly overestimate the great help the service of our roofing experts will be to you. At no time will you be in the slightest doubt as to what your roofing is going to cost you, how much will be required, how it shall be cut or how it should be laid. Our experts will attend to all these details for you. And you will have the satisfaction of knowing that you have secured an absolutely water-tight, weather-proof, fire resisting roof of handsome appearance and at a cost of from one-third to one-half less than it would cost you if bought anywhere else on earth.

Mind you, the services of our experts are absolutely free of charge to you. It is a service which costs us a great deal to maintain but which costs you nothing, inestimable as is its worth to you. It is our purpose to sell you **satisfaction** as well as roofing. And the best and surest way we know of to insure the permanent **satisfaction** of our roofing customers is to give them, free of all charge, the services of a corps of roofing experts whose abilities in this line are second to none in the United States.

So please don't hesitate—write us for advice regarding your roofing problems. Whether you buy a foot of roofing from us or not, our experts will advise you just as impartially, as promptly and as courteously as if you sent us a roofing order amounting to hundreds of dollars. We want you to feel that this expert service is for your special benefit—that you are freely welcome to make use of it as much and as often as you like—and that by doing so you do not place yourself under the slightest obligation to us.



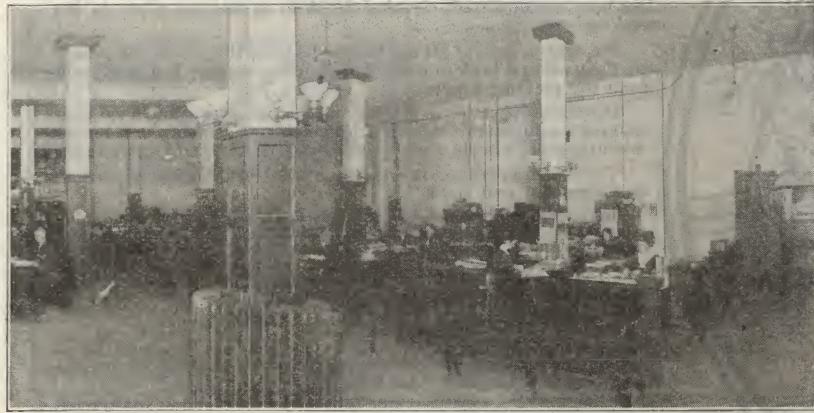
A glimpse of our beautiful display of Upholstered Furniture



A view of our mammoth Home Furnishing salesroom



One division of our Circulation Department where catalogs are addressed



One corner of our General Office



Our Stenographic Department where hundreds of girls write our replies

HARRIS BROTHERS COMPANY, 35th and Iron Streets, Chicago, Ill.

Description of Various Grades of Metal Sheets

Lot No. 10. Light and Standard Weight Steel Sheets. These are semi-hard, brand new, perfect high grade Steel Sheets, made from the very best quality of steel; come in sheets 6, 7 and 8 feet long, although we can cut same to 2, 3, 4 and 5 feet lengths when so desired. The width of the sheets when flat are 24 inches but in the "V" crimped, Corrugated or Standing Seam form, the sheets are 22 inches wide.

We furnish these sheets unpainted or painted, and when painted, it is heavily coated with pure red-oxide mineral paint. (We do not furnish these sheets 2½ inch corrugated, only 1¼ inch corrugated.)

Lot No. 12. "Extra Heavy Weight" Steel Sheets. Made from best quality basic open hearth steel and their very heavy weight, makes an exceptionally strong and permanent roof. Sheets come 22 to 28 inches in width and 4, 5, 6, 7 and 8 feet lengths, furnished unpainted; or painted with red-oxide mineral paint.

Lot No. 18. "Galvanized Rust-Proof" Standard Weight Steel Sheets. These Sheets are galvanized by the hand-dipped process, giving them a heavy coat of galvanizing. They are unpainted, although after the roof is laid, you can, for appearance, paint if you so desire.

Galvanizing sheets makes their lasting qualities from three to four-fold that of either plain or painted sheets and the galvanized sheets will stand the severest weather conditions better than any other kind.

The sheets are furnished in various widths and in lengths up to and including 10 feet. (We furnish this roofing in 2½ inch corrugated, also 1¼ inch corrugated.)

Lot No. 16. "Galvanized Rust-Proof" Extra Heavy Steel Sheets. Made of best quality of basic open hearth steel and galvanized with a heavy coat of pure spelter or zinc and shipped unpainted. Sheets are 26 to 28 inches wide when flat and 25 to 26 inches wide when corrugated or made into other forms or roofing, siding or ceiling and in lengths of 4, 5, 6, 7, 8, 9 and 10 feet.

We recommend only the use of **Galvanized Rust-Proof** Steel Sheets **near the Ocean or Sea**

Air. Do not buy unpainted or painted if you live near the coast, as they will not give long or good service.

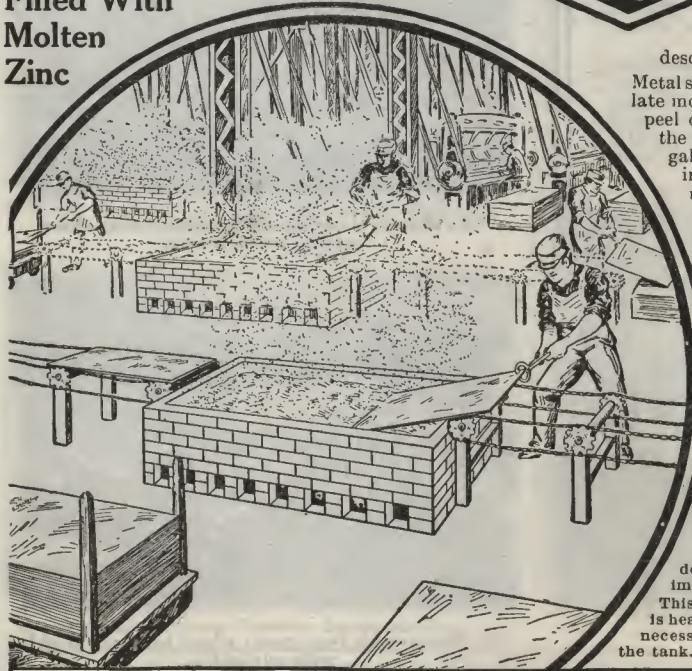
NOTE. All the above weights of steel sheets are quoted on the following pages of this catalog. However, we can quote on 22, 24 and 26 gauges, either plain, painted or galvanized on request.



Pickling, or
Removing Scale
From Metal Sheets

Galvanized Steel Cannot Rust or Rot

Galvanizing Pots Filled With Molten Zinc



How Our Metal Sheets Are Galvanized

To our many customers who are not familiar with our scientific galvanizing process, we deem it best to herewith give a brief description with illustrations showing how metal sheets are galvanized.

Metal sheets when in the process of being rolled to proper thickness, accumulate more or less scale which adheres to the sheet. After a time these scales peel off and naturally after the sheet has been painted it will carry away the coating when the scales peel off after the roof is laid. Now before the galvanizing process begins the metal sheets are placed in a tank, containing a solution of sulphuric acid and water which pickles the sheets and removes all the scales and foreign substances and any surface rust that might have accumulated, cleaning the sheet so that the pores in the metal are open.

The next process is taking the sheets from the pickle vat, washing them off in a tank of clean water, removing any traces of acid from the pickling process.

The third operation is placing the washed sheets into a vat containing a solution of muriatic acid which acts as a flux or a binder when the sheet is being coated with spelter, that is, being galvanized.

The fourth operation is drying the sheet after being dipped in the muriatic acid bath.

In the fifth operation the sheet is dipped into a pot or tank containing a molten body of spelter (which is zinc) and a small percentage of pure tin, which sinks into the pores and readily adheres to the metal sheets, the result being that the sheets get a heavy coating of this anti-rust metal, viz; spelter and tin. When the sheet comes from the bath and strikes the air, it gets a spangled and bright appearance. After the sheets are taken from the bath of molten metal, they are patent leveled which removes all buckles.

The upper illustration shows the method of pickling or removing scale as described but for lack of room we do not illustrate the washing of sheets or immersing them in the muriatic acid bath.

This illustration shows the galvanizing pot containing the molten spelter which is heated to about 680 degrees Fahrenheit and to produce this extreme heat, it is necessary to use 72 hour Connellsburg Coke and we show the fire grates of the tank. Only in this way can a thick, heavy coating of galvanizing be obtained.

HARRIS BROTHERS COMPANY, 35th and Iron Streets, Chicago, Ill.



98¢

FOR THE BEST RESULTS IN OUTSIDE EXPOSED PAINTING
PER GAL. HOUSE PAINT

NOTICE

We take great pride in this House Paint. The secret of the durability of this Ready Mixed Paint is in the fact that it is almost an oil and a percentage of pigment worked smoothly under the brush as oil itself, consequently it can be brushed out to a greater covering capacity than any other paint known. Thirty-six different colors, one gallon will cover about 300 sq. ft. with two coat work.

No. 9BW611.	50 Gal. Barrel.	Per Gal.	\$0.98
No. 9BW609.	25 Gal. (1/2 bbl.).	Per Gal.	1.03
No. 9BW607.	5 Gal. Kit.	Per Gal.	1.05
No. 9BW605.	1 Gal. Can.	Each	1.10
No. 9BW603.	1/2 Gal. Can.	Each	.65
No. 9BW601.	1/4 Gal. Can.	Each	.34

Flat Wall 45c PER QT.
Paint

Strictly an oil paint, not kalsomine, or water paint; sanitary and durable. Especially adapted as an undercoat for all enamel work, for artistic decoration on interior walls, ceilings and woodwork it has no equal. Can be washed when soiled without changing the color or finish, giving it a great advantage over kalsomine. Colors: Tan, gray, azur blue, light yellow, yellow, deep green, pea green, pink, maroon, red, leather brown, soft canary and cream color. One gallon will cover 200 sq. ft. Two coats.

No. 9BW905. 1 quart can. Each 45c
Half gallon can. Each..... \$0.82
Gallon can. Each..... 1.50
Five and ten gal. can, per gal.... 1.40.

24c Kalsomines An Entire Room

No experience necessary. A specially prepared powder, sanitary and germ-proof. Easily removed from the walls at any time with a sponge and water, and the walls re-decorated. Will not rub off. Ready for use; simply mix with water. Directions on every package. Furnished in: Pea green, light green, lavender, blue, salmon pink, light pink, light tan, buff, gray, cream, ivory, yellow or white. 24c
No. 9BW315. Price, per package

Extension Ladders

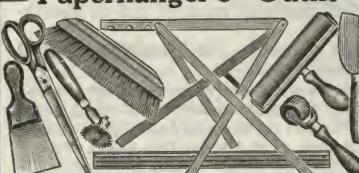
No. 9BW1217. Extension Ladders, made in two sections. Strongest and best extension ladders manufactured. Sides are made of clear pine with selected hickory rungs. Extension rolls are of improved design and very strong. 13c
Price, per foot.....

Anti-Fall Step Ladder

This ladder is made of strong light pine with steel ears securely riveted to risers, and all steps mortised into risers and cement coated nails used. Furnished with nail shelf. Well made throughout.

Weight Each
No. 9BW1741. 4 ft. 20 lbs. 45c
No. 9BW1742. 5 ft. 22 lbs. 55c
No. 9BW1743. 6 ft. 26 lbs. 65c
No. 9BW1744. 7 ft. 28 lbs. 75c

Paperhanger's Outfit



No. 9BW1400. Just the thing for the handy man. A sensible and practical outfit, suitable for any paper hanger, or for use by the handy man about the home. Articles are chosen with care and attention. All pieces unusually well made. Include this outfit with your order.

1 Bas Trimmer Wall Knife.
1 10-in. Paper Hanger Shears. \$2.25
1 Strong Folding Trestle.
1 10-in. Bristle Smooth Brush.
1 Seam Roller. 1 Square Joint Knife.
1 Smoothing Roller. 1 Wall Scraper Knife.

BARN PAINT 62c PER GAL.

AN IDEAL PROTECTION

Harris Barn, Roof and Fence Mineral Paint is a high class preservative—a lasting preparation put up in six different shades, green, maroon, lead, yellow, red and slate. Will not pit, blister, crack or rub off. A combination of the finest mineral pigments, pure linseed and preservative oils. Especially adapted for painting barns, roofs, outhouses, structural iron work, warehouses, factories, shops, garages, etc. One gallon covers about 300 square feet with two good coats. It is a truly economical covering. No sensible man can afford for the little money it will cost to let his roof, fence or other exposed property rot or decay through the lack of paint.

No. 9BW707.	50 gallon barrel.	62c
No. 9BW705.	25 gallon, 1/2 barrel.	65c
No. 9BW703.	5 gallon kit.	69c
No. 9BW701.	1 gallon can.	.76c



This is a combined gear and finish varnish—a special, high-grade article, compounded in our large paint factory. It is made in a secret process which eliminates the finishing room and the expert finishers from all jobs. Now all you have to do is to apply this varnish to your auto, buggy or boat; it dries quickly and evenly, leaving a bright new surface as smooth and hard as plate glass. Sun, heat, rain or cold will not affect it. "Every drop is GUARANTEED." A special feature is the patent nozzle top, which always keeps the varnish fresh.

No. 9BW1152. Special varnish offer..... 75c
No. 9BW1313. A 2 1/2-in. quality brush..... 35c

Farm Ladders

During this great sale we will offer 500 feet of the highest grade standard manufactured farm ladders at a price never before heard of. These ladders are all strictly brand new, made by one of the best manufacturers in the country and have been subjected to a 350-pound separate rung test and are guaranteed first class in every respect.

No. 9BW1223. Farm Ladders, 8 ft. long. 79c
Each.....
10 ft. long. Each..... \$1.10
14, 16, 18 and 20 ft. long. 10c
foot.....

**70c VALUE
\$1.00**

This brush is one that is especially manufactured for us, and is considered superior to any on the market. It is 4 in. wide, and contains pure black bristles 2 in. long. All vulcanized in rubber. Each brush warranted.

No. 9BW1458. 70c
Each.....

**White Wash Brush
13c
9BW1429**

Cylinder Oil for Water-Cooled Gasoline Engine

No. 9BW10311. 50 Gal.
barrels, per gallon..... 25c
Half gallon barrels, per gallon..... 28c
5 gal. cans, per gallon..... 33c
10 gal. cans, per gallon..... 31c
1 gal. cans, each..... 48c

Premium Axle Grease

No. 9BW10347. Extra high grade refined grease, possessing superior lubricating qualities. It has given satisfaction wherever used.

10 pound pails..... 36c
Each..... 80c
25 pound pails.....

**White Wash Brush
13c
9BW1429**

Special Tampico Fiber White-wash Brush. The fiber is soft and is a very satisfactory brush for rough whitewashing. Width, 7 inches. Length of bristles, 2 1/2 in.

Price 13c

Protecto Asphalt Paint 45c PER GAL.

This is the best paint on the market for preserving metal and felt roofs, wire fences, fence posts, tanks, agricultural implements, eave troughs, spouting, conductor pipe, smoke stacks, boilers, pipe, machinery—in fact, all exposed surfaces from rust and decay. Made of the highest grade of asphalt. Can also be used for painting the inside and outside of cisterns to prevent seepage.

No. 9BW919.	One gallon cans.	45c
Each.....		
Two gallon cans.	Each.....	\$0.89
Five gallon cans.	Each.....	1.89
Ten gallon cans.	Each.....	3.29
Half barrels, 25 gallons.	Each...	6.49
Barrels, 50 gallons.	Each.....	11.70
	Furnished in black only.	

Wall Paper Cleaner 8c PER CAN

All it will cost you is 8c for enough Wall Paper Cleaner to renew an ordinary sized room. Works equally well on fresco, calamine, window shades, and all interior decorations. Absorbs all smoke, dust and dirt. Will not stain or fade the most delicate colors. No grease, acids or other ingredients. Mixed, ready for use.

No. 9BW10855. Price per can. 8c

Automobile Cylinder-Oil

Our automobile cylinder oil possesses every requirement that goes to make a high class satisfactory oil, which can be used with perfect safety in the highest priced cars manufactured. Guaranteed not to smoke or char spark plug. We furnish this oil for air-cooled gasoline engines and motorcycles; also for water-cooled gasoline engines.

Cylinder Oil for Air-Cooled Gasoline Engines

No. 9BW10809.	50 gallon	30c
barrels, per gallon.....		
Half gallon barrels, per gallon.....	34c	
10 gallon cans, per gallon.....	36c	
5 gallon cans, per gallon.....	38c	
1 gallon cans, each.....	53c	

Painter's Outfit

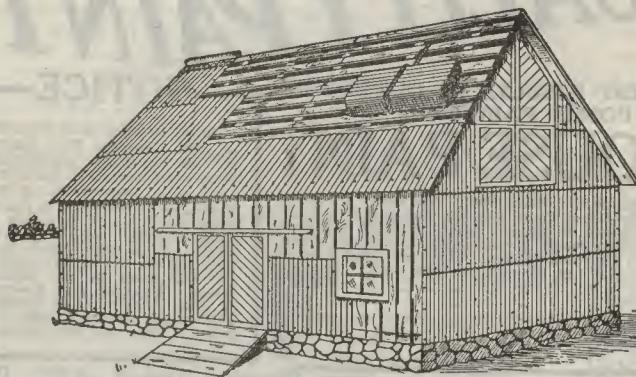


Brushes included with these outfits are extra good quality and the selection answers all practical requirements for house or barn painting. This outfit consists of one 3 1/2-inch rubber-set paint brush; one 3-inch black bristle paint brush; two black China bristle sash brushes; one extra quality steel blade putty knife, with four pounds of pure putty; one Painter's Time Saver, enables one to paint without spoiling decorations—very handy when washing woodwork, prevents wetting wall-paper.

No. 9BW1300. Price, complete. \$1.19

HARRIS BROTHERS COMPANY, 35th and Iron Streets, Chicago, Ill.

INSTRUCTIONS FOR LAYING METAL ROOFINGS



not necessarily be planed, but should be of equal thickness. While steel roofing can be laid over shingles, without removing shingles, it will make a much better job to remove shingles and lay directly on sheathing boards.

How To Lay Corrugated Sheet Steel Roofing and Siding

Important—Read: When laying any kind of metal roofing we strongly recommend the use of a good grade of roofing felt or building paper such as Slater's Felt or Rawhide Oiled, Insulated Sheathing which you will find described and quoted on pages 22 and 23. This is especially advisable on buildings in which gas or steam is used or where there is heat next to the roof. It will prevent sweating in cold weather, preserve the paint on the weather side of the roofing and also serve as a non-conductor of heat and cold. There is little danger from rust on the exposed side of a metal roof as wind and sun quickly dry off all moisture; but unless the under side of the metal is protected by a good building paper there is always danger of rust from moisture which accumulates underneath—as from steam—and which does not have a chance to dry so quickly. Therefore, always use a good grade of building paper or felt.

AS TO SHEATHING. We recommend that Metal Roofing be laid on sheathing boards put close together. Boards need not necessarily be planed, but should be of equal thickness. While steel roofing can be laid over shingles, without removing shingles, it will make a much better job to remove shingles and lay directly on sheathing boards.

INSTRUCTIONS FOR LAYING CORRUGATED SHEET STEEL ROOFING

Begin to lay the sheets from the eaves, first covering the lower left hand corner, projecting one corrugation over the side and from 2 to 4 inches over the eaves. Hammer the projecting side corrugation down against the edge of the sheathing, nailing it in place. Nail across sheet near the eaves through the tops and alternate corrugations.

Place second sheet to the right of the first lap over one corrugation of the first sheet and with the same amount of eave projections. Nail the sheets where they lap and directly perpendicular through tops of the corrugation and about 8 inches apart. Nail also left to right across the entire length of the roof, then begin at the right to lay the second row in the same manner as first and so continue until the entire roofing is laid. When nailing across the lower ends of the sheets in the second row, put the nails so they will pass through both the first and second row, etc.

INSTRUCTIONS FOR LAYING CORRUGATED SHEET STEEL SIDING

We recommend that Metal Siding be laid on sheathing boards put close together, although it can be nailed directly to studding when so desired. Begin at left hand corner in applying the corrugated from base to cornice, giving the sheets from 1 to 2-in. lap at the end and one corrugation lap at the side. Nail side lap every 6 inches and end lap in every other corrugation with 2½-inch corrugated, and in every third corrugation with 1½-inch corrugated, driving the nails through the top of the corrugation. Care should be taken that the iron is kept a few inches from the ground. It is usually best to have the baseboard 6 to 12 inches wide partially covered with plain iron for bottom.

CAUTION!!

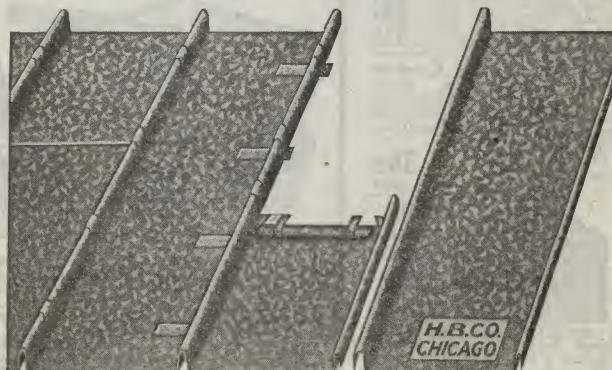
As regards painting we recommend that all Metal Roofing and Siding be painted after it is laid. We can furnish you at a low price a first-class coating that will do the work. After a period of a year another coat should be applied and at regular intervals of say three or four years as found necessary. Keep your Metal Roofing properly painted and you have something that will last you indefinitely.

How To Lay "V" Crimped Steel Roofing

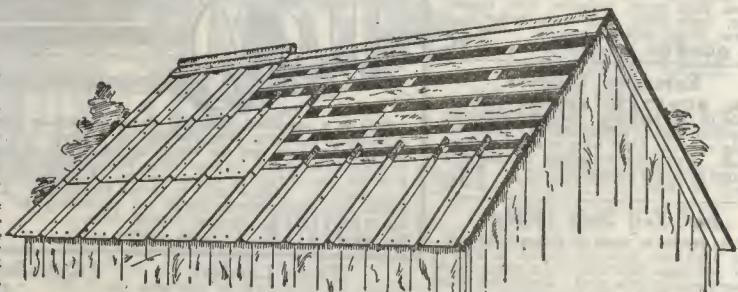
Instructions apply both to VV and VVV Crimped Steel Sheets.

This material is made to lay over shingles or ready roofing, or laid directly on the roof. (But we recommend sheathing the roof before laying the "V" crimped roofing, or if it is on a shingle roof, suggest that you remove the shingles before laying.) It can be used on any roof having a pitch of more than 2 inches to the foot. The ends of the sheets can either be lapped from 1 to 3 in. or put together with lock joint. To make the lock-joint take a pair of tinner's snips and cut in $\frac{3}{8}$ in. near the crimp, and on each end of the sheet turn one end under and one end over, and when placed together on the roof, put joint down closer.

In laying the material begin at the left hand corner of the eave and end of the building, and lay the sheets from the eave to the ridge and nail through the crimp every 8 inches. At the end laps use four nails to the lap.



The comb is made by turning up one side 1 inch and the other side 2 inches first flattening standing seam for 6 or eight inches back from comb. Anchor the 1-inch side with cleats, and then turn the 2-inch side over the 1-inch, fold the cleat back over the top and press together with tongs. This makes standing seam along the comb. Hips are made in the same way after cutting to the right angle.



How To Lay Standing Seam Roofing

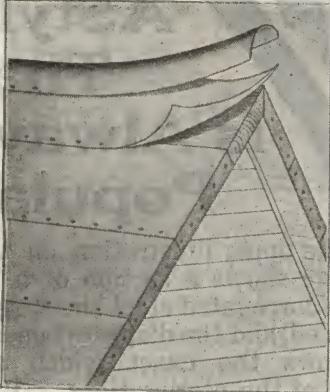
AS TO SHEATHING. This material must be laid on sheathing placed close together.

"A" represents sheets as shipped. "B" explains method of laying and "C" shows finished seam.

Snip and then turn end locks with jointer by bending one end of sheet up and the other down. Commence laying at right hand corner and eave of building. Flatten right hand lap of first course and lay left hand cap to a chalk line. Let the bottom sheet project over eave and end of building 1 inch or more. Bend down projecting portion of sheet and nail to the end and eave, of building, or if there are fire walls turn sheet up 4 to 6 inches, nail securely and counter-flash. Use two cleats on ends and one every 12 or 14 inches on sides. Continue laying the sheets until upper part of roof is reached. If a comb roof, allow 1 inch on one side and 2 inches on the opposite side to form a standing seam along the ridge.

Start next course (with the piece, if any, which was cut from the last sheet laid at comb), with flanges of sheets overlapping first course, press down, turn ends of cleats over, and press seam together with tongs; this finishes seam. Continue until roof is covered.

Instructions for Applying Ready Roofing and Metal Siding and Ceiling



Two Methods of Laying Ready Roofing On Pitched Roofs

Above illustration shows how easy it is to lay Ready Roofing on a pitched roof. Each layer above overlaps the one below to which cement has been applied along the upper edge. You then simply nail upper flap down and you have an absolutely waterproof joint to cover ridge, either cut a strip from a roll of roofing and nail it securely on both sides, cementing thoroughly along the edges, or use galvanized ridge roll with plain apron (quoted on page 10 in this book.)

Ready Roofing can be laid also up and down the roof, in which case the edges of the under layer should be thoroughly cemented before placing the next layer on top of it, allowing about 2 inches lap, then nailing down. This makes a perfectly secure, water-tight joint. Either the galvanized ridge roll or a strip of the roofing as shown above can be used for covering the ridge.

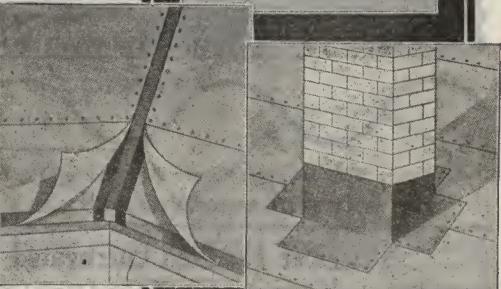
How To Lay Ready Roofing

No Previous Experience Necessary and the Only Tools Required are a Jack Knife and a Hammer or Hatchet

Our Ready Roofing is Furnished Complete. No Extra Supplies Needed.

Ready Roofings come in rolls of 108 square feet which is sufficient to cover 100 square feet, the extra 8 feet being allowance for side and end laps, and with each roll we furnish sufficient broad-headed nails (no caps needed,) and cement for side and end laps to properly and securely lay 108 square feet of roofing.

AS TO PAINTING Ready Roofing can be painted after being laid, yet it is not necessary. However, if you wish to coat same be sure to use only pure asphalt roofing paint. (We quote extremely low prices on absolutely Pure Asphalt Paint on page 21.) In the following illustrations we show the different methods of applying rawhide roofings and endeavor to give simple yet complete instructions, and if you wish any further details, please write us and we will be glad to have our roofing experts give you the benefit of their vast experience and trade knowledge.



On a Flat Roof

(Upper Illustration)

On a flat roof or roofs with a slight pitch, we advise laying the roofing up and down the slope and provide a 2-inch lap, cement the roofing as lapped and nail securely.

Around Chimneys

(Middle, Right Hand Illustration)

This illustration shows the simple way to lay Ready Roofing around chimneys and make strong, secure and water-tight flashings.

How to Make Gutters

(Middle Left Hand Illustration)

This shows how gutters are easily made. Simply take a strip of Ready Roofing 8 inches wide, place it in the gutter, coat on each side as shown with cement, then apply the roofing. It is advisable to use a double layer in the valley in place of one, to make a perfectly secure joint.

How To Make Wall Flashing

(Lower Right Hand Illustration)

This picture shows at a glance how to make a perfectly tight and secure wall flashing; no previous experience We suggest that you use a double layer of Roofing and cement all joints thoroughly and nail down securely.



How To Apply Pressed Brick Steel Siding

(Same Method also Employed in Applying Weatherboard Siding)

AS TO THE SHEATHING. We recommend that the side of the building should be sheathed, although Brick Steel Siding may be applied directly on studding, if so desired.

Directions For Putting on Brick Steel Siding Over Sheathing

Take a level and chalk line and strike level of building.

Place a sheet of siding at one corner of building, allowing the end to extend 2 inches past the corner so that the cross grooves are immediately over the corner, the lower edge of the sheet resting on the chalk line.

Nail the sheet to the wall through the grooves sufficiently to hold it fast and to bring it down solid all the way along. Begin at the middle of the sheet to nail and work toward ends and sides, placing nails two or three bricks apart. Never nail through the brick.

Bend the projection 2 inches around the corner (if it projects) with the hands or with

a piece of board, using a mallet slightly to bring down any uneven places.

Lay around the building until you meet the commencement. Place the first sheet of the second tier over the first so as to break joints perfectly as in brick work, leaving the half grooves at the bottom of the sheet lap over the first and fit closely in the half groove at the top of first sheet.

We Can Furnish You With Modern Iron Store Fronts

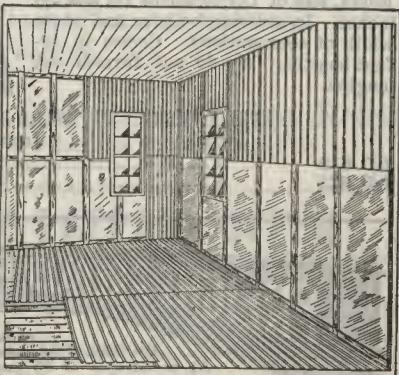
How To Apply Beaded Sheet Steel Ceiling and Siding

This material can be applied directly to the studding, or if preferred, can be laid on sheathing boards. It is very desirable in stores, churches, warehouses, factories, engine rooms, boiler room, public halls, mills, etc. No special tools required.

The sheet should be lapped 1 or 2 inches at ends, and over 1 bead at side. Can be applied perpendicularly or horizontally (as preferred,) and when applied to studding or joists, these should be placed the proper distance apart. Many of our customers also lay the Beaded Ceiling or Siding over old plaster.

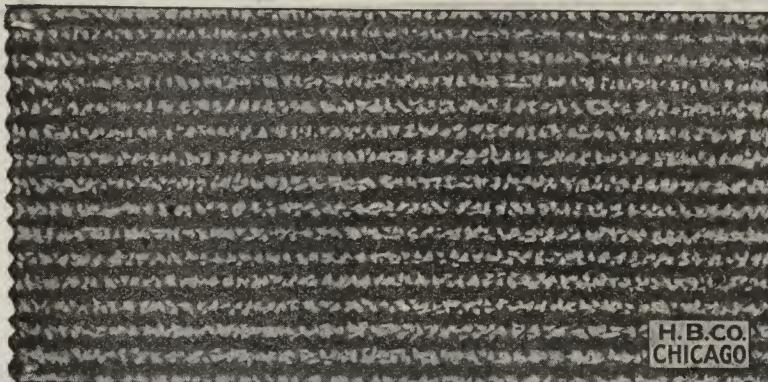
If you wish to paint the ceiling any special color, suggest you buy unpainted sheets.

Samples FREE. When Writing Mention Lot Number Wanted



HARRIS BROTHERS COMPANY, 35th and Iron Streets, Chicago, Ill.

1¼ INCH CORRUGATED STEEL SHEETS



Made of Very
Best Open
Hearth
Steel

A Style
That
Is Always
Popular

The upper illustration on this page shows a section of a 1¼ inch corrugated steel sheet (galvanized) and the diagram beneath it shows the exact width and height of the corrugations. It is the strongest form of sheet metal made. This material, which is extensively used for both roofing and siding, is made of the best quality of open hearth steel and in a variety of weights suitable for any purpose. We furnish it in painted, unpainted or galvanized "rust proof."

The unpainted and painted sheets correspond to Lot Nos. 10 and 12 described on page 4 and galvanized sheets are the same weight and size as Lot Nos. 16 and 18 also described on page 4.

Use Our Galvanized Nails and Lead Washers

When laying corrugated roofing we recommend the use of our galvanized barbed nails and lead washers and our corrugated galvanized ridge roll in order to make a perfect and lasting job. The illustration on opposite page shows manner of using the barbed nails and lead washers on corrugated roofing. It also applies to other styles of roofing. These nails will not rust, will hold

tight and the lead washers prevent rust from eating round the nail hole and also protects the roofing from hammer blows when driving the nails. The galvanized ridge roll makes the ridge

water-tight and gives the roof a neat appearance.

Complete instructions for laying corrugated roofing on page 6.

Prices of 1¼ Inch Corrugated Sheet Steel.

Lot No. 10-C.—1¼ inch Corrugated Unpainted Steel Sheets Light Weight, 22 inches wide, 2, 3, 4, 6, 7, and 8 ft. lengths. Price per 100 square feet.....	\$1.60
Lot No. 10-C. P.—(Same as Lot No. 10-C. Except Painted) Per 100 square feet.....	1.70
Lot No. 12-C.—1¼ inch Corrugated Unpainted Steel Sheets, EXTRA HEAVY, 22 to 28 in. wide, in 4, 5, 6, 7 and 8 ft. lengths. Price per 100 square feet.....	2.00
Lot No. 12-C. P.—(Same as Lot No. 12-C. Except Painted) Per 100 square feet.....	2.10
Lot No. 18-C.—1¼ inch Corrugated "Galvanized Rust Proof" Steel Sheets, STANDARD weight, various widths; lengths up to and including 10 ft. Price per 100 sq. ft.	3.75
Lot No. 16-C.—1¼ inch Corrugated "Galvanized Rust Proof" Steel Sheets, EXTRA HEAVY. various widths; lengths up to and including 10 feet. Per 100 sq. ft.	4.00

SOMETHING SPECIAL: Grade No. 17—Brand new Light Weight Galvanized, 1¼ inch Corrugated Sheets; 22 inches wide, by \$3.65 5, 6 and 7 feet lengths. Price per 100 square feet.....

NOTE.—Above prices do not include side or end laps. Add 10 per cent to surface measurements for laps.

EXTRAS—Above prices are without nails, lead washers or paint. We charge extra for these, viz:	
Lot 7-D. 600—Nails, sufficient to lay 100 square feet of roofing. Per square.....	5c
Lot 7-D. 601—Lead Washers, quantity sufficient to lay one square. Price per square.....	10c
Lot 7-D. 607—Dry Mineral Paint, Red, for quantity sufficient to cover one square. Remember our price is prepaid with your roofing. Price per square	3c
Lot 7-D. 607—Ready Mixed Roofing Paint, in buckets of 5 to 10 gallons, red or black. One gallon is sufficient to cover 200 square feet of surface, one coat. Price per gallon in quantities of 5 gallons or more.....	44c

Galvanized Ridge Rolls With Corrugated Apron

Made to be used on Corrugated Iron Roofs, size of Corrugations 1¼ and 2½ inches. In ordering be sure and state width of corrugations. Comes in 10-foot lengths. We do not furnish cut lengths.



	Size of Roll Inches	Width of Apron Inches	Girth Inches	Price Per 10-ft. Lengths
7-D 519	2.....	2½.....	10.....	65c
7-D 521	3.....	3½.....	14.....	75c

FREIGHT PREPAID PRICES

Provided your order is for at least 200 square feet (two squares) of any of the above roofing at the prices quoted above, the freight is prepaid by us in full to all parts of the United States east of the Mississippi River.

At an advance of 10 cents per square we will prepay the freight to all points lying between the eastern boundary line of the State of Colorado and the Mississippi River.

At an advance of 25 cents per square we will prepay the freight in full to Oklahoma and Texas.

At an advance of 50 cents per square we will prepay the freight to any point in states of Montana, Wyoming, Colorado, New Mexico, Arizona, Utah, Idaho, Washington, Oregon, California and Nevada.

SPECIAL FREIGHT PREPAID OFFER

HARRIS BROTHERS COMPANY, 35th and Iron Streets, Chicago, Ill.

2½ INCH CORRUGATED SHEET STEEL

A Very Strong Form of Sheet Metal

The corrugations in the steel sheet here illustrated are 2½ inches wide and $\frac{5}{8}$ of an inch deep. This material comes unpainted, painted and galvanized, the quality, weight and sizes being exactly the same as described under Lot number 12 and 16 on page 4.

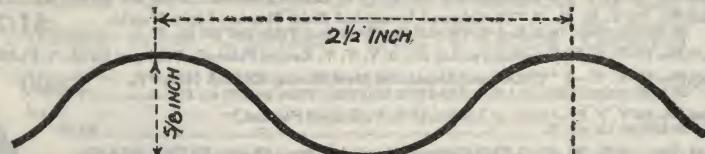
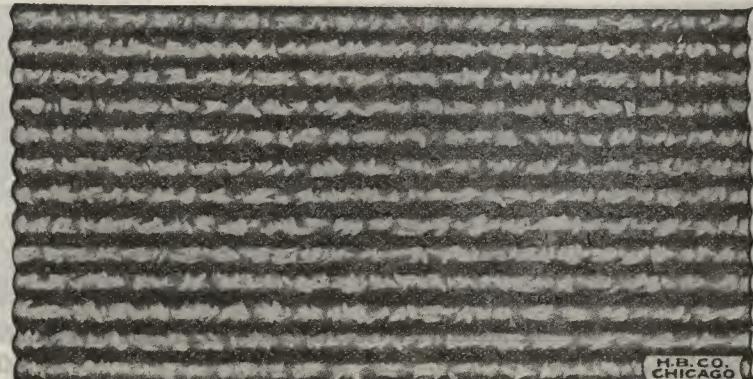
When ordering 2½ inch corrugated sheets be sure to read the descriptions so that you will know just what weight and quality you are getting. Remember, we do not furnish 2½ inch corrugated in Lot No. 10 Light Weight unpainted or painted sheet. The roofing described under Lot Nos. 12, 16 and 18 however, can be had in either the 1¼ inch or the 2½ inch corrugation.

We recommend only the use of Galvanized Rust-Proof Steel sheets near the Ocean or Sea Air. Do not buy unpainted or painted if you live near coast, as they will not give good or long service.

2½ Inch Corrugated Ridge Rolls.

At a slight additional cost we can furnish you with 2½ inch corrugated sheets, Ridge Rolls having a 2½ inch corrugation to correspond. The Ridge Roll is exactly the same as the one shown on the opposite page except for the difference in size of the corrugations. The prices are also the same.

For Roofing and Siding



This Diagram Shows Exact Size of 2½ Inch Corrugations
THE ONLY TOOL NEEDED TO APPLY IS A HAMMER OR HATCHET

Prices of 2½ Inch Corrugated Sheet Steel

Lot No. 12-C. C.—2½ inch Corrugated Unpainted Steel Sheets, EXTRA HEAVY, \$2.35

22 to 28 inch wide, in 4, 5, 6, 7 and 8 ft. lengths. Price per 100 sq. ft....

Lot No. 12-C. C. P.—2½ inch Corrugated Painted Steel Sheets, EXTRA HEAVY, 2.45

22 to 28 in. wide, in 4, 5, 6, 7 and 8 ft. lengths. Price per 100 sq. ft....

Lot No. 18-C. C.—2½ inch Corrugated "Galvanized Rust Proof" Steel Sheets, STANDARD Weight; various widths, lengths up to and including 10 ft. Price per 100 sq. ft..... 3.75

Lot No. 16-C. C.—2½ in. Corrugated "Galvanized Rust Proof" Steel Sheets, EXTRA HEAVY, various widths, lengths up to and including 10 ft. Price 100sq. ft. 4.00

NOTE—In placing your order with us, give us the length of your rafters and the size of your roof and we will arrange to sort for you the lengths and widths that will work in to your advantage without waste.

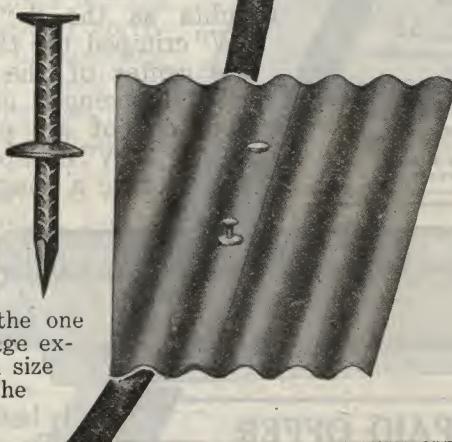
EXTRAS—Above prices are without nails, lead washers or paint. We charge extra for these, viz:

Lot No. 7-D. 600—Nails, sufficient to lay 100 square feet of roofing. Price per sqr.... 5c

Lot No. 7-D. 601—Lead Washers, quantity sufficient to lay one square. Per square 10c

Lot No. 7-D. 605—Dry Mineral Paint, Red for quantity sufficient to cover one square 3c
Price Prepaid with Roofing.....

Lot No. 7-D. 607—Ready Mixed Roofing Paint, in buckets of 5 to 10 gallons, red or black. One gallon is sufficient to cover 200 square feet of surface, one coat. Price per gallon in quantities of 5 gallons or more. 44c



Galvanized Barbed Nails and Lead Washers

Barbed nails range in size from $\frac{1}{8}$ inch to 2 inches, according to the style and weight of roofing used. The lead washers are $\frac{1}{2}$ inch diameter with nail holes punched in center.

2½ Inch Corrugated Ridge Rolls.
(For Prices See Opposite Page)

SPECIAL FREIGHT PREPAID OFFER

Provided your order is for at least 200 square feet (two squares) of any of the above roofing at the prices quoted above, the freight is prepaid by us in full to all parts of the United States east of the Mississippi River.

At an advance of 10 cents per square we will prepay the freight to all points lying between the eastern boundary line of the State of Colorado and the Mississippi River, except Oklahoma and Texas.

At an advance of 25 cents per square we will prepay the freight in full to Oklahoma and Texas.

At an advance of 50 cents per square we will prepay the freight to any point in states of Montana, Wyoming, Colorado, New Mexico, Arizona, Utah, Idaho, Washington, Oregon, California and Nevada.



HARRIS BROTHERS COMPANY, 35th and Iron Streets, Chicago, Ill.

2 AND 3 "V" CRIMPED STEEL ROOFING

A
Popular
and Inex-
pensive
Roofing

H.B.CO.
CHICAGO

THE ONLY TOOL NEEDED IS A HAMMER OR HATCHET

Lot No. 10-V. V.—2 "V" Crimped Unpainted Steel Sheets, Light Weight, 22 inches wide, in 2, 3, 4, 6, 7 and 8 feet lengths. Price per 100 sq. ft.	\$1.60
Lot No. 10-V. V. P.—(Same as Lot No. 10 V. V. Except Painted). Price per 100 sq. ft.	\$1.70
Lot No. 10-V. V.—3 "V" Crimped Unpainted Steel Sheets, Light Weight, 21 inches wide, in 2, 3, 4, 6, 7 and 8 feet lengths. Price per 100 sq. ft.	\$1.75
Lot No. 10-V. V. V. P.—(Same as Lot No. 10 V. V. Except Painted). Price per 100 sq. ft.	\$1.85
Lot No. 12-V. V.—2 "V" Crimped Unpainted Steel Sheets, EXTRA HEAVY, 22 to 28 inches wide, in 4, 5, 6, 7 and 8 ft. lengths. Price per 100 sq. ft.	\$2.00
Lot No. 12-V. V. P.—(Same as Lot No. 12 V. V. Except Painted). Price per 100 sq. ft.	\$2.10
Lot No. 12-V. V. V.—3 "V" Crimped Unpainted Steel Sheets, EXTRA HEAVY, 21 to 27 inches wide, in 4, 5, 6, 7 and 8 feet lengths. Price per 100 sq. ft.	\$2.15
Lot No. 12-V. V. V. P.—(Same as Lot No. 12 V. V. V. Except Painted). Price per 100 sq. ft.	\$2.20
Lot No. 18-V. V.—2 "V" Crimped Galvanized "Rust Proof" Steel Sheets, STANDARD Weight, various widths; lengths up to and including 10 ft. Price per 100 sq. ft.	\$3.75
Lot No. 18-V. V.—3 "V" Crimped Galvanized "Rust Proof" Steel Sheets, STANDARD Weight, various widths; lengths up to and including 10 ft. Price per 100 sq. ft.	\$3.85
Lot No. 16-V. V.—2 "V" Crimped Galvanized "Rust Proof" Steel Sheets, EXTRA HEAVY, various widths; lengths up to and including 10 ft. Price per 100 sq. ft.	\$4.00
Lot No. 16-V. V.—3 "V" Crimped Galvanized "Rust Proof" Steel Sheets, EXTRA HEAVY, various widths; lengths up to and including 10 ft. Price per 100 sq. ft.	\$4.10

SPECIAL—Grade No. 17—Brand New Galvanized Light Weight Sheets 2 "V" Crimped Style; Sheets 22 inches wide, by 5, 6 and 7 ft. lengths. Price per 100 sq. ft ... \$3.65

NOTE. Above prices do not allow for side or end lap.—Add ten per cent of surface measurement for laps.

NOTE. Above prices do not include Wooden "V" Sticks used in laying. See extras below.

EXTRAS FOR "V" CRIMPED ROOFING

Above prices are without nails, lead washers or paint. We charge extra, viz:	5c
Lot 7-D. 600—Nails, sufficient to lay 100 square feet of roofing. Price per square	5c
Lot 7-D. 601—Lead Washers, quantity sufficient to lay one square. Price per square 10c	
Lot 7-D. 602—Wood "V" Sticks for use in applying 2 "V" Crimped Roofing. Price per square	10c
Lot 7-D. 603—Wood "V" Sticks for use in applying 3 "V" Crimped Roofing. Price per square	20c
Lot 7-D. 605—Dry Mineral Paint, Red, quantity sufficient to cover one square. Price per square, prepaid with your roofing	3c
Lot 7-D. 607—Ready Mixed Roofing Paint, in buckets of 5 to 10 gallons, red or black. One gallon is sufficient to cover 200 square feet of surface, one coat. Price per gal. in quantities of 5 gallons or more.	45c

GALVANIZED RIDGE ROLL Plain Apron

A neat, water-proof cap for the ridge roofs. Is made in 10-foot lengths and can be used on shingles or any other kind of roofing. We do not furnish cut lengths.

Size of Roll	Width of Inches	Girth Apron Inches	Price Per 10 ft. L'gths
7-D-513.....	1½.....	2.....	27c
7-D-515.....	2.....	10.....	30c
7-D-517.....	3.....	13.....	50c

SPECIAL FREIGHT PREPAID OFFER

FREIGHT PREPAID PRICES

To all points lying between the eastern boundary line of the State of Colorado and the Mississippi River, except Oklahoma and Texas. At an advance of 20 cents per square we will prepay the freight to Oklahoma and Texas. At an advance of 25 cents per square we will prepay the freight to any point in states of Montana, Wyoming, Colorado, New Mexico, Arizona, Utah, Idaho, Washington, Oregon, California and Nevada.

Provided your order is for at least 200 square feet (two squares) of any of the above roofing at the prices quoted above the freight is prepaid by us in full to all parts of the U.S. east of the Mississippi River. At an advance of 10 cents per square we will prepay the freight

These 2 and 3 "V" crimped sheets are made of best quality open hearth steel and are furnished unpainted, painted or galvanized. For descriptions of the various weights and qualities see descriptions of Lot Nos. 10, 12, 16 and 18 on page 4, as this material is furnished in all grades. It can be had either with or without the wooden "V" sticks which are used in laying.

This material is very easy to lay and can be used on any roof having a pitch of 2 inches or more to the foot. When laid it makes a very neat appearing roof. The crimps overlapping each other make absolutely watertight seams throughout. Use a good grade of felt or building paper such as our Slater's Felt or Rawhide Oiled, Insulated Sheathing, and our galvanized barbed nails and lead washers and you will have a tight, durable, weather-proof roof with this roofing.

The above illustration shows a section of a 2 "V" crimped galvanized sheet. We furnish the 3 "V" crimped in the same sizes and weights as the 2 "V" crimped. In the 3 "V" crimped the third crimp runs along the center of the sheet giving it additional strength and, where the beams of a roof are placed close together, the 3 "V" crimped is to be preferred because a snugger, tighter job can be made with it.

Complete instructions for laying both 2 "V" and 3 "V" Crimped Roofing on page 6. Read these instructions carefully before beginning the job. To make a water-tight roof and give it a neat, finished appearance we recommend the plain apron ridge roll here shown.

HARRIS BROTHERS COMPANY, 35th and Iron Streets, Chicago, Ill.

STANDING SEAM STEEL ROOFING

Best For Flat and Slight Pitch Roofs

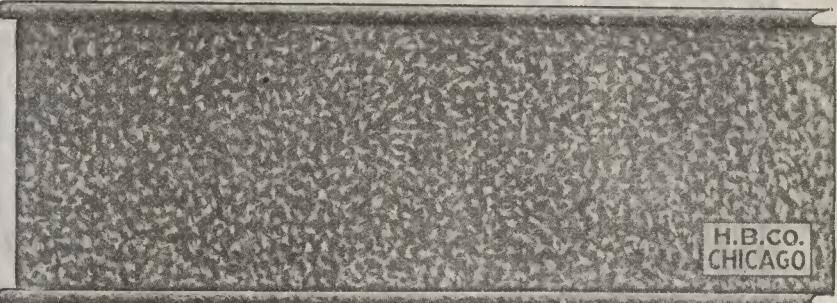
We consider our Pressed Standing Seam Steel Sheets the best form of steel roofing for flat roofs or roofs of small pitch and unhesitatingly recommend them for that purpose. Like the metal roofings described on the preceding pages these sheets are made of the best grade of open hearth steel. In fact this roofing is identically the same as the corrugated and "V" crimped except that the sheets are made with a pressed standing seam.

When the instructions given on page 6 are followed no difficulty will be had in laying this roofing. The only tools needed besides a hammer are a pair of squeezing tongs and tinner's snips which cost very little. Moreover, these are tools which come in handy many times for other jobs. Prices quoted elsewhere on this page.

This roofing is best finished with the Plain Apron Ridge Roll illustrated and quoted on opposite page.

Flat Steel Sheets

There are many uses for flat steel sheets having neither corrugations, "V" crimps or standing seams, quotations on which you will find accompanying the illustration shown here. These sheets are identically the same, in weight, size and quality as the sheets described under Lot Nos. 10, 12, 16 and 18 on page 4. This material can be used for both roofing and siding, a hammer being the only tool needed. To make a good tight job use our galvanized, barbed nails and lead washers.



H.B.CO.
CHICAGO

For Roof Use Only. Tools Needed to Lay, Tongs and Snips. See Prices Below

Lot No. 10-S S.—Standing Seam Unpainted Steel Sheets. Light Weight, 22 in. wide, in 2, 3, 4, 6, 7, and 8 ft. lengths, Price per 100 sq. ft.....	\$1.60
Lot No. 10-S S P.—(Same as Lot No. 10-S S., Except Painted.) Price per 100 sq. ft.....	\$1.70
Lot No. 12-S S.—Standing Seam Unpainted Steel Sheets, EXTRA HEAVY, 22 to 23 in. wide, in 4, 5, 6, 7 and 8 ft. lengths, Price per 100 sq. ft.....	\$2.00
Lot No. 12-S S P.—(Same as Lot No. 12-S S., Except Painted.) Per 100 sq. ft.....	\$2.10
Lot No. 18-S S.—Standing Seam "Galvanized Rust Proof" Steel Sheets, STANDARD Weight, various widths; lengths up to and including 10 feet. Price per 100 sq. ft.....	\$3.75
Lot No. 16-S S.—Standing Seam "Galvanized Rust Proof" Steel Sheets, EXTRA HEAVY, various widths; lengths up to and including 10 feet. Price per 100 sq. ft.....	\$4.00

SPECIAL: Grade No. 17—Brand new Galvanized Light Weight Standing Seam Sheets; all 22 inches wide, by 5, 6 and 7 feet long. Price per 100 square feet..... \$3.65

NOTE. The above prices do not include side or end laps. Add 10 per cent of surface measurement for laps.

Tools For Laying Standing Seam Sheets

As our standing seam sheets are run through our machine, crimping the edge in a standing seam before the material is shipped to you, it is necessary for you to use only, in laying same, a Squeezing Tongs and Snips. Note our prices on these tools: Squeezing Tongs..... 43c
Tinners' Snips, 3-inch cut..... 72c

Unpainted and Painted Flat Steel Sheets



H.B.CO.
CHICAGO

Illustration shows how flat sheets are put up in bundles for shipping purposes.

Lot No. 10-F—Flat Unpainted Steel Sheets, Light Weight, 24 in. wide, in 2, 3, 4, 6, 7 and 8 ft. lengths. Price per 100 sq. ft..... \$1.50

Lot No. 10-F P—Same as Lot No. 10-F. Except Painted.) Price per 100 sq. ft..... \$1.60

Lot No. 12-F—Flat Unpainted Steel Sheets, EXTRA HEAVY Weight, 24 and 26 in. wide, in 2, 3, 4, 5, 6, 7 and 8 ft. lengths. Price per 100 sq. ft..... \$1.90

Lot No. 12-F P—(Same as Lot No. 12-F. Except Painted.) Price per 100 sq. ft..... \$2.00

Note. The above prices do not include side or end laps. Add 10 per cent of surface measurement for laps.

"Galvanized Rust-Proof" Flat Steel Sheets

Sheets put up in bundles same as shown in above illustration.

Lot No. 18-F—Flat "Galvanized Rust-Proof" Steel Sheets, STANDARD Weights, various widths; lengths up to and including 10 feet. Price per 100 sq. ft..... \$3.70

Lot No. 16-F—Flat "Galvanized Rust Proof" Steel Sheets, EXTRA HEAVY Weight, various widths; lengths up to and including 10 feet. Price per 100 sq. ft..... \$3.95

SPECIAL: Grade No. 17—Light Weight Galvanized Sheets; 24 inches wide; 5, 6 and 7 feet long. Price per 100 square feet..... \$3.60

NOTE. Add 10 per cent of surface measurement for lap.
EXTRAS Above prices are without nails, lead washers or paint. Prices for these items are same as prices quoted under "extras" on opposite page.

SPECIAL FREIGHT PREPAID OFFER

Provided your order is for at least 200 square feet (two squares) of any of the above roofing at the prices quoted above, the freight is prepaid by us in full to all parts of the United States east of the Mississippi River.

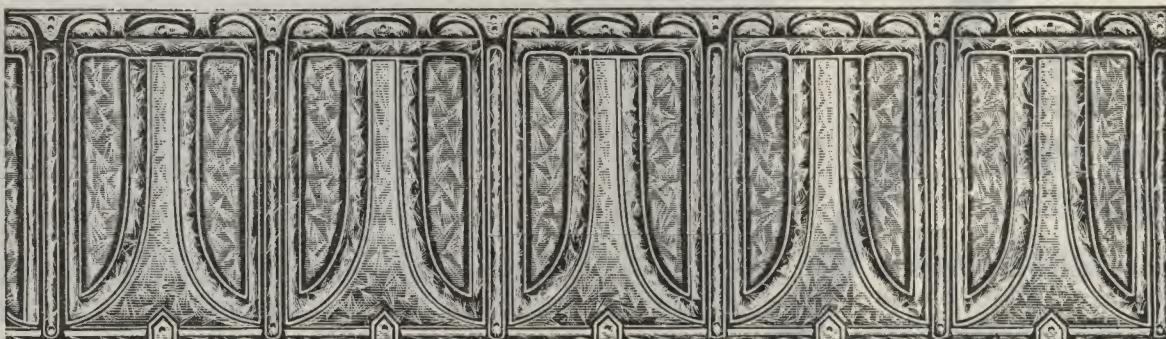
At an advance of 10 cents per square we will prepay the freight to all points lying between the eastern boundary line of the State of Colorado and the Mississippi River, except Oklahoma and Texas.

At an advance of 25 cents per square we will prepay the freight to Oklahoma and Texas.
At an advance of 50 cents per square we will prepay the freight to any point in states of Montana, Wyoming, Colorado, New Mexico, Arizona, Utah, Idaho, Washington, Oregon, California and Nevada.



HARRIS BROTHERS COMPANY, 35th and Iron Streets, Chicago, Ill.

"Five-On-One" Pressed Metal Shingles



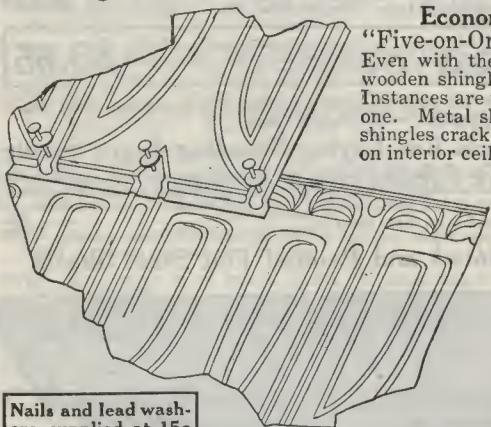
The "Five-on-One" Metal Shingle is simply five shingles stamped on one sheet of **STANDARD** quality galvanized steel. They cost one-fifth less than single shingles and are laid five times as rapidly, because actually five shingles are handled as one. To illustrate: 150 single shingles, 10 x 14 inches, are required to cover 100 square feet, while for the same area but 26 3-5 of "Five-on-One" shingles are needed.

Weather Proof. Properly laid, a Metal Shingle Roof is as a single sheet of roofing and it is impossible for it to blow off or rattle. No crevices for snow or ice accumulations or for water to seep or be blown through by driving rains. The expansion caused by summer heat and the contraction in winter are taken care of mechanically at the joints and without possibility of leakage.

Fire Proof. Steel cannot burn, so there is no danger of a building catching fire from exposure to falling sparks when roofed with metal shingles—almost 20% of exterior fires are caused by fire catching on wooden shingle roofs. With other forms of roofing material interior fires can burn through the roof and increase the ferocity of the flames by causing a powerful draft. Safety to human life cannot be reckoned in dollars and cents. Dangerous roofing material, even when cheaper, should be condemned. The effect of fire and water on slate is to cause crumbling and chalking. Wood burns and Tile cracks. Steel Shingles and other Metal Roofs are not affected by these conditions.

Economical. Because of the saving in first cost and time in erecting, our "Five-on-One" Metal Shingles actually compete with wooden shingles in price. Even with the single shingles, **PERFECTION** and **NILES**, the cost is very little more than for best wooden shingles. In maintenance a great saving is effected by metal shingles over other roofing. Instances are recorded where metal shingles from a "worn out" house were used on the remodeled one. Metal shingle properly applied and painted will last as long as the building itself. Wood shingles crack, split, rot and work loose as the wind blows. Where wood shingles leak the repairs on interior ceilings and walls really represent the maintenance cost of the roof. Wood shingles take more time to lay and there is great waste.

With slate it is hard to get a uniform quality to begin with, and therefore parts of the roof deteriorate more rapidly than others. Even ordinary temperature variations will cause slate to check and crumble at the edges and at the nail holes. This loosens them and they break off when a severe wind blows. A brittle slate is easily broken when punching nail holes, being nailed in place and when being handled. During transit slates are often broken. Soft slate absorbs moisture and is easily attacked by frost, which causes the edges to crumble and the slate to work loose. Waste of time preparing slates for the roof. Waste of time while handling. Slate absorbs and conducts heat, making an attic unbearable in summer and conducting heat away from the attic in winter.



Nails and lead washers supplied at 15¢ extra per square.

How To Apply "Five-on-One" With Nails and Lead Washers

The best method of applying "Five-on-One" Shingles is with nails and lead washers. **NOTE—Add 10% to surface measurement for lapping.**

The tops of "Five-on-One" Shingles are stamped in what is quite a fancy design. This fact causes some people to believe that top of the shingle is exposed when applied. This idea, as the illustration shows, is wrong. The bottom of the upper shingle covers the fancy top of the lower shingle. By careful inspection of the two illustrations above, you will readily see that this fancy ridged top is in reality a drain. This carries the water down channels avoiding any possibility of rain blowing over the edge of the shingle. The illustration shows better than words can tell just how perfectly they fit. Points where the nails are to be driven are indicated on the design. Every nail should be first slipped through a lead washer, for with this method all nail heads are exposed and unless protected they are sure to rust, and worse, will cause rusting of the shingles at the nail holes. Corrosion is offset by the use, with every nail, of lead washers.

"Five-on-One" shingles are made of galvanized material only and made in but one size, 14x48 inches over, all covering 12x45 inches. Each shingle in the group is 9x14 inches.

Weight, 90 pounds to the square. Shipped two squares to each crate. Price per square of 100 square feet, **\$5.10**
F. O. B. Ohio Mill.....

"Niles" Shingles

A new design and a favorite. Harmonizes beautifully with any kind of building, residences, churches, schools, public buildings, office buildings.

Made of galvanized steel only and in sizes 10x14 inches and 14x20 inches. 10x14-inch size, 136 shingles to the square, weighing 95 pounds. Price per square F. O. B. Ohio Mill **\$5.10**

14x20-inch size, 66 shingles to the square, weighing 92 pounds. Price per square F. O. B. Ohio Mill **\$5.00**

Shipped one square in a crate.

Method of laying is the same as **PERFECTION** lock joint shingle on opposite page.



NOTE—Add 10% to surface measurement for lapping.

HARRIS BROTHERS COMPANY, 35th and Iron Streets, Chicago, Ill.

"Perfection" Lock Joint Metal Shingles

EASILY
APPLIED
TO ROOF
OR SIDES



Two Sizes Furnished in Standard Weight Galvanized Only

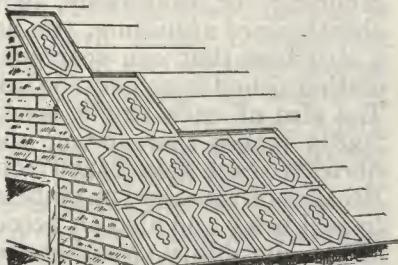
GIVES THE RICH
APPEARANCE
OF ROMAN TILE TO
A ROOF

Made of The Best Quality of Open Hearth Steel in a Very Beautiful And Ornamental Design. Guaranteed to Be Water Tight And Fire Proof.

28 Gauge Galvanized Rust Proof Perfection lock joint steel shingles, Standard Weight, each shingle 10x14 inches; 130 shingles to each square. Weight 95 pounds. Price per square of 100 square feet F. O. B. Ohio Mill..... \$5.10

28 Gauge galvanized rust proof Perfection lock joint steel shingles, Standard Weight, each shingle 14 inches wide by 20 inches deep. 66 shingles to the square (100 sq. ft.) Weight 92 pounds. Price per square F. O. B. Ohio Mill..... \$5.00

NOTE:—Add 10 per cent to surface measurement for lapping.



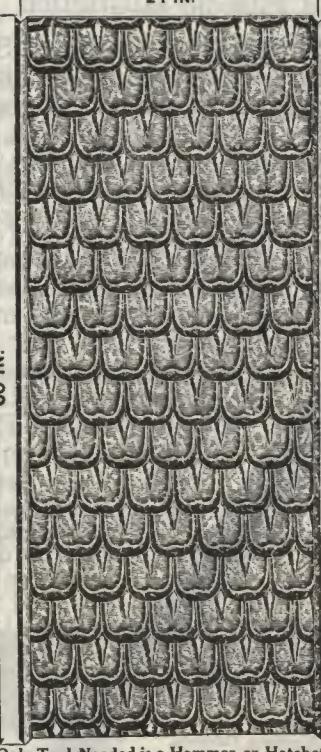
Above illustration and view of Perfection Lock Joint Metal Shingles shows the simple yet positively water tight and strong joint which is easily made and applied on the roof.

INSTRUCTIONS: Take level and chalk line and strike the level of the building. Place a sheet at one corner of the building, allowing the end to extend 2 inches beyond the corner, so that grooves are immediately over the corner, the lower edge resting on the chalk line. Nail down one side, then insert the lock joint into next shingle, nailing down the joint tightly. Continue in this manner as shown in the illustration. The lock joint fits positively tight, yet gives the loose shingle a leverage which when drawn down by the nail makes all the shingles fit as though they were one and yet full allowance has been made for contraction and expansion. A very important feature of the Perfection Lock Joint Shingles is that when laid they become as one sheet, not each shingle separate as in other makes.

Fire-Proof Steel Cluster Shingles

Made in Sheets of Best Quality Open Hearth Steel, With "V" Crimped Edge Which Makes a Positively Water Tight Joint.

Makes a Perfectly Water Tight Roof
With Splendid Finish and Appearance
24 IN.



Unlike wooden shingles our steel shingles will not split or rot out, nor will they crack and split as slate does. Only tool needed to apply is a hammer, and no soldering necessary nor previous experience in laying this material. We highly recommend these steel shingles to our customers, knowing that they will give you the best service and make a fine and splendid appearance.

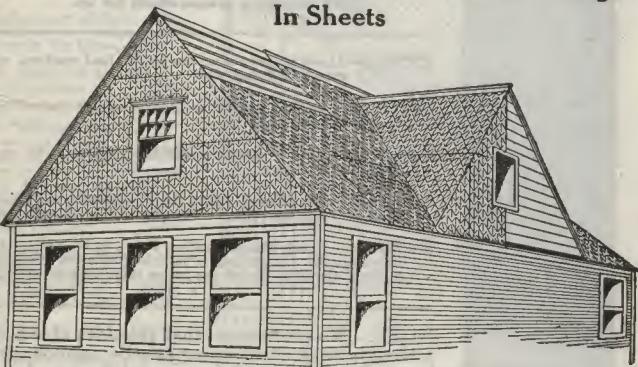
28-Gauge "Fire-Proof" Painted Steel Cluster Shingles, Standard Weight, 25 inches wide and in 5 ft. lengths only
Price..... \$3.15

28-Gauge "Galvanized Rust-Proof" Steel Roofing Shingles, Standard Weight, 25 inch wide and in 5 foot lengths only
Price..... \$5.00

NOTE:—Above prices are without Nails, Lead Washers, Wood "V" Sticks and paint. Quotations on these various items found under "Extras" on other roofing pages in this catalog.

GENERALLY USED FOR ROOFING, BUT
ALSO MAKES A FINE SIDING

How to Apply "Fire-Proof" Steel Cluster Shingles In Sheets



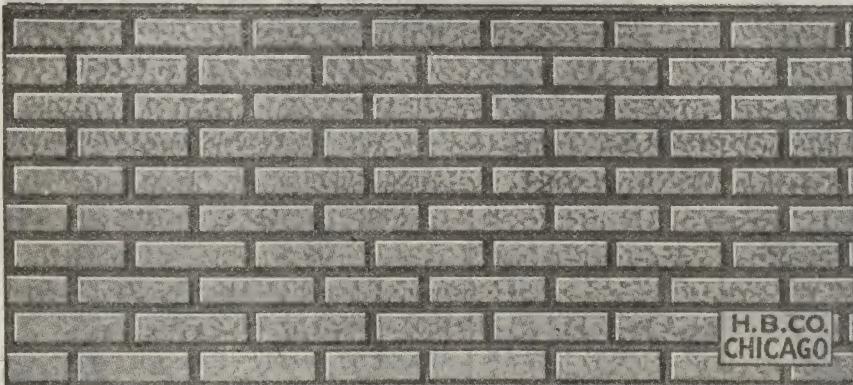
No Previous Experience Necessary, Very Easy to Lay

INSTRUCTIONS: "Fire-Proof" Steel Roofing Shingles (in sheet) are made to lay over wood shingles or ready roofing, or laid directly on the roof. (But we recommend wood sheathing roof before laying the steel shingles, or if to be laid on a wood shingle roof, we suggest removing the wood shingles and laying on the sheathing boards.)

They can be used on a roof having a pitch of more than 2 inch to the foot. The end of the sheets are lapped over one course of the shingles, which makes a tight joint, and the side of the sheets are nailed to wood "V" strips (quoted under head of "extras"). In laying the steel shingles begin at the left hand corner of the eaves and end of the building, and lay the sheets from the eave to the ridge and nail through the crimp every 8 inches. At the end lap use four to six nails to lap.

HARRIS BROTHERS COMPANY, 35th and Iron Streets, Chicago, Ill.

PRESSED BRICK—SHEET STEEL SIDING



THE ONLY TOOL NEEDED IS A HAMMER OR HATCHET Used on Houses, Stores, Factories and Public Buildings

Lot No. 10-B. S.—Pressed Brick Unpainted Steel Sheets. Light Weight. \$1.70
Sheets are usually 24 in. wide by 60 in. long. Price per 100 sq. ft.....

Lot No. 10-B. S. P.—(Same as Lot No. 10-B. S. Except Painted.) 1.80
Price per 100 sq. ft.....

Lot No. 12-B. S.—Pressed Brick Unpainted Steel Sheets, EXTRA HEAVY. 2.25
Weight. Sheets are usually 24 in. wide by 60 in. long. Price per 100 sq. ft.....

Lot No. 12-B. S. P.—(Same as Lot No. 12-B. S. Except Painted.) 2.35
Price per 100 sq. ft.....

Lot No. 18-B. S.—Pressed Brick "Galvanized Rust Proof" Steel Sheets. STANDARD Weight. Sheets are usually 24 in. wide by 60 in. long. Price per 100 sq. ft..... 3.95

SPECIAL: Grade No. 17—Galvanized Brick Siding
Sheets; 24 inches wide by 60 inches long; light weight. Price per 100 square feet..... **\$3.85**

Lot 7-D. 610—Corner Finish as shown in right hand illustration. Each face 13 in. wide height usually 24 in. Price each, Unpainted 36c
..... 24c, Painted..... 28c, Galvanized..... 36c



Lot 7-D. 610 CORNER FINISH
Each face 13 in wide

NOTE: The above prices do not include side or end laps. ADD 10 PER CENT to surface measurement for lap.

EXTRAS—Above prices are without nails, lead washers, or paint. We charge extra for these, viz:

Lot 7-D. 600—Nails, sufficient to lay 100 square feet of roofing. 5c
Price per square.....

Lot 7-D. 601—Lead Washers, quantity sufficient to lay one square. 10c
Price per square.....

Lot 7-D. 605—Dry Mineral Paint, Red for quantity sufficient to cover one square. Price per square. Prepaid on this material with roofing..... 3c

Lot 7-D. 607—Ready Mixed Roofing Paint, in buckets of 5 to 10 gallons, red or black. One gallon is sufficient to cover 200 square feet of surface, one coat. Price per gallon in quantities of 5 gallons or more. 44c



Lot 7-D. 611 PILASTER

NOTE: We recommend that the sides of a building be sheathed, although Brick Steel Siding may be applied direct to the studding if so desired. We also recommend the use of a good building paper such as our Rawhide Oiled Insulated Sheathing or Slater's Felt described and quoted on page 23.

SPECIAL FREIGHT PREPAID OFFER



Provided your order is for at least 200 square feet (two squares) of any of the above roofing at the prices quoted above the freight is prepaid by us in full to all parts of the U. S. east of the Mississippi River.

At an advance of 10 cents per square we will prepay the freight to all points lying between the eastern boundary line of the State of Colorado and the Mississippi River, except Oklahoma and Texas.

At an advance of 25 cents per square we will prepay the freight to Oklahoma and Texas.

At an advance of 50 cents per square we will prepay the freight to any point in states of Montana, Wyoming, Colorado, New Mexico, Arizona, Utah, Idaho, Washington, Oregon, California and Nevada.

Absolutely
Fire
Proof

Have a
"Brick"
Building
At a Small
Cost

This material which is used for siding only, is pressed from the best grade of open hearth steel of various weights into an exact imitation of a brick wall and when applied to the studding—or, preferably, to the sheathing of a building, you have a structure that can scarcely be distinguished from genuine brick. The size of each single brick is $2\frac{1}{4} \times 8\frac{1}{2}$ inches there being about 5 bricks to each sheet 24x60 inches. Because of this close resemblance to real brick and also on account of its durability, weather-proof and fire-proof qualities and its slow cost, brick siding is very extensively used on houses, stores, warehouses, factories, halls, public buildings, etc., and its use gives splendid satisfaction.

Our Pressed Brick Sheet Steel Siding comes in the same weights and quality of steel as our steel roofing material the Lot Nos. corresponding to the Lot Nos. described on page 4, and is furnished unpainted, painted, galvanized.

We strongly advise the painting of this material as a coat of good paint will add many years to its life. For this purpose we recommend our specially prepared Ready Mixed Roofing Paint quoted at left on this page. In order to make a good, permanent job we also recommend the use of our galvanized barbed nails and lead washers quoted under "Extras."

HARRIS BROTHERS COMPANY, 35th and Iron Streets, Chicago, Ill.

BEADED STEEL SIDING AND CEILING

Many
Uses
for this
Popular
Material

Owing to the fact that this material can be used for both ceiling and interior side walls as well as for exterior siding it is very popular.

The sheets are beaded—that is they have small corrugations about $\frac{3}{8}$ of an inch wide $\frac{1}{8}$ of an inch deep running the length of the sheet about 3 inches apart, these corrugations adding greatly to the strength of the metal. It is a material that is extensively used on many kinds of buildings both inside and outside but mostly in stores, churches, warehouses, mills, boiler rooms, etc., on account of its sanitary and fire-proof features. It makes exceptionally fine garages—better than other kind of sheet metal and we strongly recommend it for that purpose.

The weight and quality of the sheets are the same as descriptions on page 4 the Lot Nos. quoted at the right corresponding to the Lot Nos. on page 4.

When using this material for ceilings and interior side walls we suggest that you do not use lead washers because without them you can do a cleaner, neater job. You will only have to be a little more careful in driving the nails so as not to mar the material with hammer blows.

For Ceiling
and Sid-
ing Use
Only



Made of Best Quality Open Hearth Steel *The Only Tool Needed To Lay Is A Hammer*

Illustration shows a sheet of beaded Ceiling and Siding. The beads are corrugations about $\frac{3}{8}$ inch wide by $\frac{1}{8}$ inch deep, and spaced 3 inches from center to center.

Furnished Painted, Unpainted or "Galvanized Rust Proof"

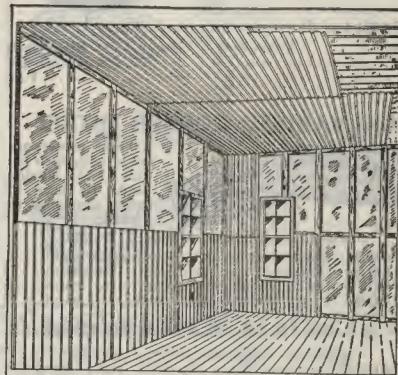
Lot No. 10-B. C.—Beaded Unpainted Steel Sheets, Light Weight, 22 inch wide, in 2, 3, 4, 6, 7 and 8 feet lengths. Price per 100 square feet.....	\$1.70
Lot No. 10-B. C. P.—(Same as Lot No. 10-B. C. Except Painted.) Price per 100 square feet.....	1.80
Lot No. 12-B. C.—Beaded Unpainted Steel Sheets, EXTRA HEAVY, 22 to 28 inch wide, in 4, 5, 6, 7 and 8 feet lengths. Price per 100 square feet.....	2.25
Lot No. 12-B. C. P.—(Same as Lot No. 12-B. C. Except Painted.) Price per 100 square feet.....	2.35
Lot No 18-B. C.—Beaded "Galvanized Rust Proof" Steel Sheets, STANDARD Weight, 22 to 28 inches wide, lengths up to and including 10 feet. Price per 100 square feet.....	3.90

SPECIAL: Grade No. 17—Galvanized Beaded Sheets. Brand New Light Weight Sheets. 22 inches wide, by 5, 6 and 7 feet long. Price per 100 square feet \$3.80

EXTRAS—Above prices are without nails, lead washers or paint. We charge extra for these, viz:

Lot 7-D. 600—Nails, sufficient to lay 100 square feet of roofing. Price per square.....	5c
Lot 7-D. 601—Lead Washers, quantity sufficient to lay one square. Price per square.....	10c
Lot 7-D. 605—Dry Mineral Paint, Red for quantity sufficient to cover one square. Price per square. Prepaid with your roofing.....	3c
Lot 7-D. 607—Ready Mixed Roofing Paint, in buckets of 5 to 10 gallons, red or black. One gallon is sufficient to cover 200 sq. ft. of surface, one coat. Price per gallon	44c

NOTE—When this material is used for the interior of a store, church or other similar building where it is desired to paint walls and ceilings we suggest you buy the unpainted sheets.



Interior View Showing How Beaded Steel Sheets are used for both Ceiling and Side Walls—A Clean, Sanitary, Fire-Proof Room.

SPECIAL FREIGHT PREPAID OFFER

Provided your order is for at least 200 square feet (two squares) of any of the above roofing at the prices quoted above, the freight is prepaid by us in full to all parts of the United States east of the Mississippi River.

At an advance of 10 cents per square we will prepay the freight to all points lying between the eastern boundary line of the State of Colorado and the Mississippi River, except Oklahoma and Texas.
At an advance of 25 cents per square we will prepay the freight to Oklahoma and Texas.
At an advance of 50 cents per square we will prepay the freight to any point in states of Montana, Wyoming, Colorado, New Mexico, Arizona, Utah, Idaho, Washington, Oregon, California and Nevada.

FREIGHT PREPAID PRICES

HARRIS BROTHERS COMPANY, 35th and Iron Streets, Chicago, Ill.

Galvanized Eave Trough and Trimmings



Improved Slip Joint Galvanized Eaves Trough

This is the best and most convenient Eaves Trough in the market. It is made of superior quality, heavily galvanized steel sheets, and will not rust. Each length has an improved slip joint at one end so that joints throughout. Any ordinary workman can put up this eaves trough without the aid of a tinner.

When ordering be sure and state whether right or left hand trough is wanted. Right hand trough discharges water at the right hand end of the trough; left hand discharges the water at the left hand end.

This eaves trough is furnished in 10-ft. lengths. We do not supply cut lengths.

7M401—28-Gauge Galvanized Trough—Standard Weight.					
Size, inches	.... 3½	4	4½	5	6
Wt., per length..	4	5	5½	6	7
Price, per length..	\$0.30	\$0.33	\$0.37	\$0.39	\$0.47
Price, per crate of 250 feet....	7.45	8.15	9.15	9.65	11.65

7M401—26-Gauge Galvanized Trough—Extra Heavy.					
Size, inches	.... 3½	4	4½	5	6
Wt., per length..	5½	6	6½	7½	9
Price, per length..	\$0.39	\$0.42	\$0.44	\$0.48	\$0.54
Price, per crate..	9.15	9.95	10.68	11.60	12.90

ADJUSTABLE OUTLET



to connect to the conductor pipe. End cap extra.

7M419. 28-Gauge Galvanized—Extra Heavy.					
Size, inches	3½	4	4½	5	6
Fitted for Conductor, inch.....	2	2	3	3	4
Price, each.....	\$0.10	\$0.12	\$0.13	\$0.14	\$0.15

7M419. 26-Gauge Galvanized—Extra Heavy.					
Size, inches	3½	4	4½	5	6
Fitted for Conductor, inch.....	2	2	3	3	4
Price, each.....	\$0.12	\$0.14	\$0.15	\$0.15	\$0.16

END CAP SLIP JOINT

7M421. Made in one piece. Used to close ends of eaves trough and adjustable outlets.

28-Gauge Galvanized—Standard Weight.

Size	Price, each	Size	Price, each
3½	5c		
4	6c		
4½	7c		
5	8c		
6	9c		

7M421. 26-Gauge Galvanized—Extra Heavy.					
Size	Price, each	Size	Price, each		
3½	7c	5	9c		
4	8c	6	11c		
4½	9c				

GALVANIZED CORNER MITRES

These corners are made with both inside and outside bead. Be sure to order according to number.

28-Gauge Galvanized—Standard Weight.

7M403. Outside corner slip joint, right hand.					
7M405. Outside corner slip joint, left hand.					
Size, inches	3½	4	4½	5	6
Price, each.....	\$0.13	\$0.15	\$0.16	\$0.18	\$0.19

26-Gauge Galvanized—Extra Heavy.

7M403. Outside corner slip joint, right hand.					
7M405. Outside corner slip joint, left hand.					
Size, inches	3½	4	4½	5	6
Price, each.....	\$0.14	\$0.17	\$0.18	\$0.20	\$0.22

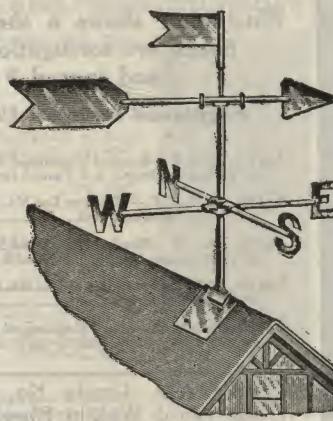
GALVANIZED BOX GUTTERS

Made of No. 28-gauge galvanized steel and furnished in 10 foot lengths, both ends open.

Wt., per	Size	Depth	Foot
Girth	100 Ft.	6-inch	1c
7M501.	18-inch	108 lbs.	5¾
7M503.	20-inch	120 lbs.	7-inch
7M505.	24-inch	144 lbs.	8-inch

Extra for any of the above sizes one end closed. 35c

HARRIS EVERLASTING WEATHER-VANE



4M1360. Here is what thousands of home owners have been waiting for—a light, substantial, everlasting weather-vane. Practical and very ornamental. The weather-vane, by telling which way the wind blows, keeps you posted on the weather of tomorrow. It is substantially built to stand the test of time. Made of galvanized steel, aluminum coated—a neat and durable finish.

Size: Height 18 inches; length of arrow 22 inches. Shipped taken apart—easily assembled in a moment. Complete and ready for use. Shipping weight, 2 lbs.

Price, each..... \$1.35

GALVANIZED BOX GUTTER MITRES



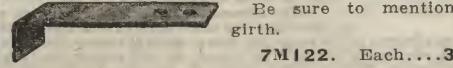
ZM507.	For 18-inch girth.	Price, each.....	45c
ZM509.	For 20-inch girth.	Price, each.....	53c
ZM511.	For 24-inch girth.	Price, each.....	60c

BLOCK FINIALS

7M527. Used in connection with roofing cresting, and can also be used with the 1½ and 2 inch Ridge Roll. Height is 10½ inches. Price, each..... 26c



STRAP HANGERS FOR BOX GUTTERS



Be sure to mention
girth.

7M122. Each.... 3c

VALLEY TIN



Made of High Grade Tin Plate in a continuous length, locked and soldered. Full lengths are 50 feet. Will furnish any length desired. Painted one side.

Width, in.	Wt., per roll	Price, 50-ft. roll
7M529	14	30 lbs.
7M531	20	48 lbs.
7M533	28	60 lbs.

GALVANIZED VALLEY

Made of 28-Gauge Galvanized Steel. 14 inches wide. Put up in 25 and 50 foot rolls. 7M535. Length of roll, 25 ft. Price \$2.00. 7M537. Length of roll, 50 ft. Price 3.75

TIN SHINGLES AND FLASHINGS

Made of roofing tin. Used for repairing old roofs and making tight joints around chimneys.

7M541.	Size 5x7 inches.	Wt., per 100 pieces, 11½ lbs.
		Price, each.... \$0.01 Price, per 100... .75

7M543.	Size 7x10 inches.	Wt., per 100 pieces, 20 lbs.
		Price, each.... \$0.02 Price, per 100... 1.65

METAL HIP SHINGLES

These shingles are much more ornamental than the wood hip caps and are easily laid. Size of shingles, 4x9 inches.

7M415.	Painted tin hip shingles.	Price, each.....	\$0.02
		Price, per 100.....	1.10

7M417.	Galvanized hip shingles.	Price, each.....	\$0.02½
		Price, per 100.....	1.50

TINNERS' SNIPS

Best quality, Hand forged Tinners' Snips, fully guaranteed.

7M545.	2½-inch cut.	Price, each.....	79c
		Price, each.....	89c

7M547.	3-inch cut.	Price, each.....	89c
		Price, each.....	20c

Cast steel Tinners' Snips. Intended for light work, such as cutting stove pipe or other light sheet iron.

7M549. 3-inch cut. Price, each..... 20c

HARRIS BROTHERS COMPANY, 35th and Iron Streets, Chicago, Ill.

Galvanized Conductor Pipe Etc.

Galvanized Corrugated Conductor Pipe

Guaranteed to be the Best on the Market

This Conductor Pipe is made of strictly first quality heavily galvanized sheets. Nothing better, stronger or more durable in the way of conductor pipe can be had at any price. It is made in 10-foot lengths without cross seams. Will not burst when full of ice. We furnish it in full 10-foot lengths only.

7D411. 28-Gauge Galv. Pipe—Standard Weight.

Size...	2	3	4	5	6
Wt. per lghth...	5	6	8	10	11½
Price per lghth...	\$0.35	\$0.38	\$0.53	\$0.65	\$0.78
Price per crate	8.45	9.67	12.90	16.20	18.75
Price per crate	9.10	9.85	10.68	13.50	21.20

7D411. 26-Gauge Extra Heavy Galvanized Pipe.

Size...	2	3	4	5	6
Wt. per lghth...	6	7½	10	12½	14¼
Price per lghth...	\$0.42	\$0.46	\$0.58	\$0.74	\$0.86
Price per crate	9.10	9.85	10.68	13.50	21.20
Price per crate	9.10	9.85	10.68	13.50	21.20

Size of Conductor to Use With Eaves Trough.

Size of Eaves Trough, inches.... 3½ 4 4½ 5 6 7

Size of Conductor, inches..... 2 2 3 3 4 5

Size of Conductor Pipe, inches... 2 3 4 5 6 0

PERFECTION CONDUCTOR PIPE FASTENERS

7D437. Suitable for wood or brick buildings. Superior to any other style of conductor pipe hooks or fasteners. Made of heavily galvanized twisted wire. The principal features are, that owing to the construction of this hanger, it keeps the pipe from coming in contact with the building, making it possible to paint behind the conductor pipe preventing the moisture from rotting the siding and corroding the pipe. They are easily applied; simply require nailing and tightening up with a common plier. There is no danger of splitting the siding, as is the case when using the conductor hooks that have to be driven in.



Size of Conductor Pipe, inches... 2 3 4 5 6 0
Gauge of wire..... 14 15 11 10 9
Price per dozen.... 12¢ 14¢ 22¢ 27¢ 32¢

CONDUCTOR HOOKS

7D437. Tinned Conductor Hooks for Corrugated Conductor.

Size, Inches	Price per doz. for wood	Price per doz. for brick
2½	20¢	22¢
3	24¢	25¢
4	34¢	40¢
5	44¢	50¢

ELBOWS AND SHOES (Galvanized Corrugated)



No. 1—45 Deg. No. 2—60 Deg. No. 4—90 Deg.

When ordering always mention number.

7D423. Conductor Elbow Angle Number 1.

7D425. Conductor Elbow Angle Number 2.

7D427. Conductor Elbow Angle Number 3.

28-Gauge 26-Gauge

Size, inches Price, each Size, inches Price, each

2 7¢ 4 32¢

3 8¢ 5 16¢

4 14¢ 6 13¢

CONDUCTOR SHOE

7D429.

Price, each

2 9¢

3 11¢

4 17¢

GALVANIZED WIRE EAVE TROUGH HANGERS

7D435.

Made of galvanized wire,

and is the most simple

and satisfactory hanger

on the market.

Size, inches.... 3½ 4 4½ 5 6

Price, per dozen.... 15¢ 15¢ 16¢ 17¢ 20¢



Guaranteed to be the Best on the Market

This Conductor Pipe is made of strictly first quality heavily galvanized sheets. Nothing better, stronger or more durable in the way of conductor pipe can be had at any price. It is made in 10-foot lengths without cross seams. Will not burst when full of ice. We furnish it in full 10-foot lengths only.

7D411. 28-Gauge Galv. Pipe—Standard Weight.

Size...	2	3	4	5	6
Wt. per lghth...	5	6	8	10	11½
Price per lghth...	\$0.35	\$0.38	\$0.53	\$0.65	\$0.78
Price per crate	8.45	9.67	12.90	16.20	18.75
Price per crate	9.10	9.85	10.68	13.50	21.20

7D411. 26-Gauge Extra Heavy Galvanized Pipe.

Size...	2	3	4	5	6
Wt. per lghth...	6	7½	10	12½	14¼
Price per lghth...	\$0.42	\$0.46	\$0.58	\$0.74	\$0.86
Price per crate	9.10	9.85	10.68	13.50	21.20
Price per crate	9.10	9.85	10.68	13.50	21.20

Galvanized Irrigating Pipe

Owing to its strength and non-rusting qualities our smooth galvanized conductor pipe is very extensively used for irrigating purposes. It is made of the same quality of galvanized sheet steel as our corrugated galvanized conductor pipe—can be furnished in the same sizes and at the same prices. For above ground irrigation only—will not stand pressure. See quotations above.



GALVANIZED ROOF GUTTERS

Made of No. 28 gauge steel, beaded and formed with patent slip joints. Anyone can put it on. Requires no soldering. Made in 10-foot lengths in one piece. Illustration shows slip ends in position. Prices are for gutter only. Regular Corrugated Conductor is used in connection with this gutter. Sold only in full lengths.

7D441. Size 14-inch girth, roll 3 inches high, flat surface 9 inches. Weight per length 10 pounds. Price per length..... \$0.00

7D443. Size 20-inch girth, roll 4 inches high, flat surface 13 inches. Weight per length 13 pounds. Price per length..... \$1.15

GALVANIZED SPOUT ENDS

To be used with Galvanized Roof Gutter.

7D449. For 14-inch gutter.

Price, each..... 25¢

7D451. For 20-inch gutter.

Price, each..... 30¢

CONDUCTOR FUNNEL

28-Gauge Galvanized

7D431. Conductor Funnel are used for running two conductors into one outlet. Size given is size of lower spout.

Size, inches..... 2 3 4 5

Price, each..... 15¢ 20¢ 25¢ 33¢

CONDUCTOR STRAINERS

7D433. Galvanized Wire Conductor Strainers. To be placed in the outlet of eaves trough, preventing leaves, etc., from stopping up the conductor. Size given indicates the size of the outlet strainers will fit.

Size, inches..... 2 3 4 5

Price, each..... 4¢ 5¢ 7¢ 12¢

Price, per dozen.... 40¢ 55¢ 75¢ \$1.44

GALVANIZED SHEET METAL—SKYLIGHTS

WE MAKE SKYLIGHTS COMPLETE: ANY SIZE, STYLE OR DESIGN

PRICES QUOTED ARE FOR SKYLIGHTS COMPLETE WITH RIBBED OR WIRED GLASS

SINGLE PITCH DOUBLE PITCH HIPPED

3-16 inch Ribbed Wired Glass \$ 6.00 \$ 5.40 \$ 6.15 \$ 6.00

3-16 inch Ribbed Wired Glass \$ 6.20 \$ 6.35 \$ 6.25 \$ 6.25

3-16 inch Ribbed Wired Glass \$ 7.25 \$ 7.50 \$ 7.85 \$ 9.50

3-16 inch Ribbed Wired Glass \$ 8.55 \$ 9.45 \$ 9.45 \$ 10.00

3-16 inch Ribbed Wired Glass \$ 7.50 \$ 10.90 \$ 11.80 \$ 12.00

3-16 inch Ribbed Wired Glass \$ 10.90 \$ 14.55 \$ 18.50 \$ 15.00

3-16 inch Ribbed Wired Glass \$ 17.95 \$ 23.80 \$ 29.50 \$ 19.60

3-16 inch Ribbed Wired Glass \$ 21.75 \$ 29.40 \$ 33.00 \$ 23.50

3-16 inch Ribbed Wired Glass \$ 7.00 \$ 7.00 \$ 7.00 \$ 7.00

3-16 inch Ribbed Wired Glass \$ 8.25 \$ 8.25 \$ 8.25 \$ 9.35

3-16 inch Ribbed Wired Glass \$ 9.50 \$ 9.50 \$ 9.50 \$ 1.00

3-16 inch Ribbed Wired Glass \$ 1.05 \$ 1.05 \$ 1.05 \$ 1.55

3-16 inch Ribbed Wired Glass \$ 1.80 \$ 1.80 \$ 1.80 \$ 3.60

3-16 inch Ribbed Wired Glass \$ 15.00 \$ 15.00 \$ 15.00 \$ 4.15

3-16 inch Ribbed Wired Glass \$ 19.60 \$ 19.60 \$ 19.60 \$ 9.00

3-16 inch Ribbed Wired Glass \$ 23.40 \$ 23.40 \$ 23.40 \$ 25.45

3-16 inch Ribbed Wired Glass \$ 23.50 \$ 23.50 \$ 23.50 \$ 31.00

Style 21 Double Pitch

Can Furnish Any Size. Write for Special Prices on Odd Sizes

Style 31 Hipped

HARRIS BROTHERS COMPANY, 35th and Iron Streets, Chicago, Ill.

FREE!

Large Head Nails and
Sufficient Asphalt
Liquid Cement
to Lay.

Needs no Paint
When First
Laid

There's
Great
Economy In
These Money
Saving Prices

Freight-Prepaid Prices

No. 13-D-211. Rawhide Stone Faced "Gold Medal" Roofing, put up in rolls containing 108 square feet sufficient to lay 100 square feet (one square) complete with large-head nails and cement for laps. Price per roll freight prepaid to points in

Illinois
Indiana
Iowa
Michigan
Ohio
Wisconsin

Delaware
Dist. of Columbia
Kentucky
Maryland
Massachusetts
Missouri
New York
New Jersey
Pennsylvania
West Virginia

Alabama
Arkansas
Connecticut
Georgia
Kansas
Maine
Minnesota
Mississippi
Nebraska
New Hampshire
North Carolina

\$2.13	North Dakota Rhode Island South Dakota Tennessee Vermont Virginia	\$2.61
\$2.30	Louisiana Oklahoma Texas	\$2.69
	Colorado Florida	\$3.22

\$2.61	Arizona California Idaho Montana New Mexico Oregon Utah Washington Wyoming Nevada	\$3.51
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RAWHIDE

GU

Here's Our Very Best

IN OUR JUDGMENT Rawhide Stone Faced Roofing has more beauty than any other Ready Roofing on the market. From the general appearance of this matchless roofing, we rate it may be, can begin to do justice to and tell the qualities and the handsome appearance of this roofing, of what it is made, and then by actually seeing it like silver in the sunlight, will you be able to tell?

We consider Rawhide Stone Faced Roofing material that can possibly be had on any building where long service and appearance is desirable and as regards economy, we buy certain grades of it at any price, buy or wear as will Rawhide the **cheapest** roofing described.

H



Easy to Lay

No previous experience is needed in laying this roofing. Simple, yet complete instructions are sent with each roll. It can be laid either horizontally or up and down. It requires no painting after it is put on the roof. We furnish all needed supplies, that is, cement for the laps and large headed nails to lay.

Each Roll Complete

We furnish this roofing in one thickness and one weight only, and that the very best. It is put up **108 square feet to roll**, each roll contains large-headed nails and cement. It weighs approximately 58 pounds to the roll. It is 32 in. wide.

HARRIS BROTHERS CO.

35th and Iron Sts.
CHICAGO

When ordering use the enclosed order blank

STONE
SURFACED

GOLD-MEDAL ROOFING

JARANTEED FOR 20 YEARS

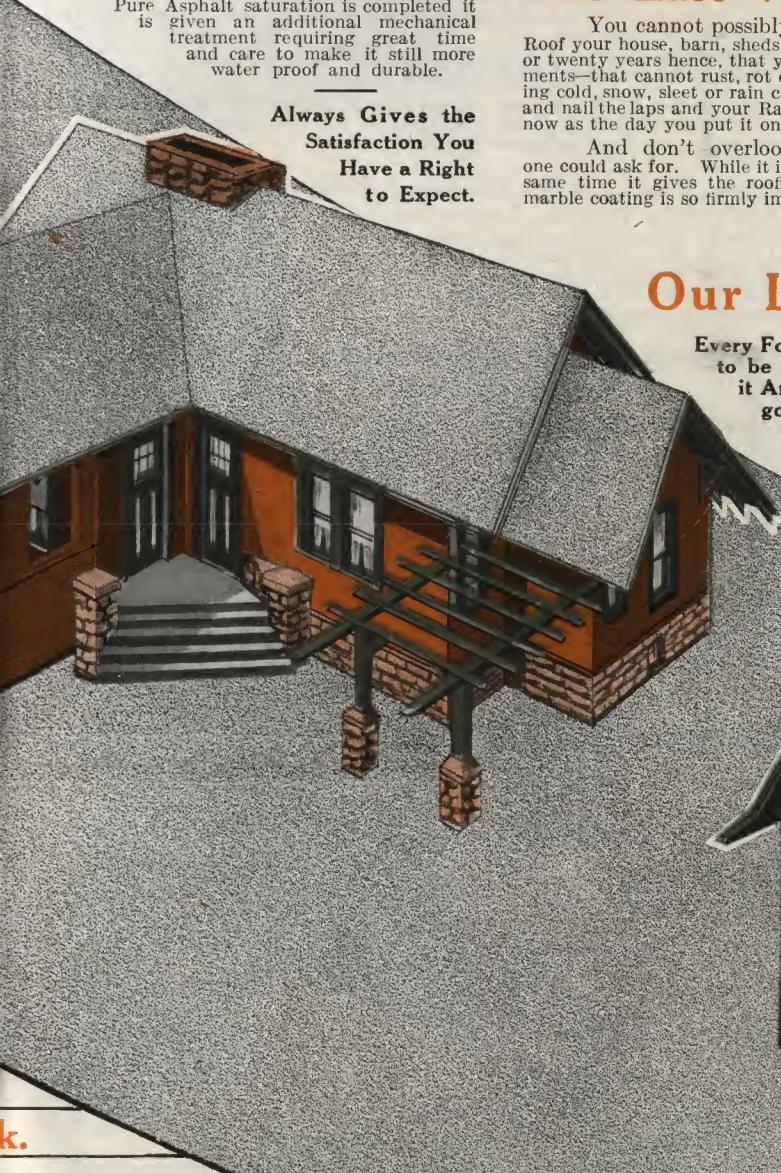
It Prepared Roofing

Gold Medal Roofing will outlast and surpasses in the accompanying illustration you can gain a fair idea but it is only fair to say that no picture, however accurate, can tell the real story of the toughness, the wear-resisting qualities. Only from a thorough understanding of how and why it after it has been laid — its marble coat glistening to judge fairly its real merits.

Gold Medal Roofing the best and finest ready to be used on houses, barns, stores and sheds—in fact ice is a necessary requirement, where a handsome here, economy must be given consideration. Indeed tell you frankly that, while it is true that you can buy roofing for a trifle less per square, you cannot, that will give you as many years of satisfactory use "Gold Medal" and for this reason it is in reality roofing you can buy. Read carefully the following of how this roofing is made.

How Made "Rawhide Stone Faced Gold Medal Roofing" is made from the finest and best long fibre woolen felt obtainable. It is of extra heavy weight and strength. Each of these fibres is carefully and mechanically saturated with the greatest water-proofing compound known to the Roofing World—Pure Asphalt. After the process of Pure Asphalt saturation is completed it is given an additional mechanical treatment requiring great time and care to make it still more water proof and durable.

Always Gives the Satisfaction You Have a Right to Expect.



Coated With Fine Powdered Marble

The next step in the process of manufacture is to give the roofing a bath of especially prepared high-grade coating which protects the fibres from the weather wear, after which it is coated on both sides with finely powdered marble. This marble coating produces the beautiful appearance shown in the illustration and which is so greatly admired by those who have purchased in the past. This coating also materially adds to the fire-proofing qualities of the roofing.

The Expensive Nature of the coating used to protect the long fibre woolen felt is one of the real causes for its lasting qualities.

Great Care is Used in the manufacture of this roofing, as it is necessary that the fine marble surfacing is so well imbedded into the coating as to make it difficult to remove or rub off this marble effect.

Good For 20 Years

We strongly recommend the purchase of this Roofing, for it will add to the appearance of any building—it is of the highest quality and manufactured from Pure Asphalt—it is far superior and less expensive to apply than shingles or any other kind of Roofing—it will retain indefinitely its beautiful appearance—its water-proof qualities are the best because of the careful refining to which the asphalt and coating is subjected—there is nothing which can be drawn out of the saturation that will discolor the fine marble finish. **Our Twenty Year Guarantee Protects You.**

The Last Word in Roofing Satisfaction

You cannot possibly make a mistake in ordering this best of all ready roofing. Roof your house, barn, sheds or any other buildings with it and you'll be mighty glad, ten, fifteen or twenty years hence, that you had the foresight to buy a roofing that absolutely defies the elements—that cannot rust, rot or leak—that the hottest sun cannot melt, warp or buckle or that freezing cold, snow, sleet or rain cannot affect in the slightest degree. Lay it smoothly, properly cement and nail the laps and your Rawhide "Gold Medal" Roof will be as tight and snug twenty years from now as the day you put it on.

And don't overlook the important fact that it is as **handsome** a roof as any one could ask for. While it is true that the marble coating is put on primarily for protection, at the same time it gives the roofing a beautiful appearance to be found in no other ready roofing. The marble coating is so firmly imbedded in the surface that it stays on indefinitely.

Our Legal Binding Guarantee

Every Foot—Every Inch of Rawhide Gold Medal Roofing is Guaranteed to be absolutely without a Flaw. You can't find a Weak Spot in it Anywhere. Our Legal Binding Guarantee on this Roofing is good for Twenty Years — Our Guarantee is backed by our \$10,000,000 Capital.

RAWHIDE RUBBER ROOFING

Best Ready Roofing Ever Made—Approved By Underwriters

FIRE-PROOF. HAIL-PROOF. WEATHER-PROOF.

Not Affected By Heat or Cold. Can Be Safely Used In Any Climate. You Take No Chances When You Buy Rawhide Ready Roofing.

There is a reason, and it is not a trade secret, why Rawhide Roofings are superior to all others. You are entitled and we want you to know just how Rawhide roofing is made and why it will outlast all others. All Prepared Roofings are made on a wool felt base, which should be manufactured from woolen rags, but unfortunately felt can be mixed with paper and the cost reduced to the extent of enabling the unscrupulous manufacturer putting out an inferior roofing that to all superficial appearance is as good as honestly made roofing. Such felt will not take as much saturation as an absolutely pure wool felt and lacks the long fibre that gives it wear, resisting qualities and toughness that is so necessary to the life of roofing.

RAWHIDE ROOFING IS AS TOUGH AS ITS NAME

Because it is Made of Pure Wool Felt and Saturated with Pure Asphalt

Pure Asphalt is absolutely necessary to make a strictly high grade lasting roofing. It is here that manufacturers have another chance to lower the grade, and you will only know it when your roof shows early signs of wear and prove generally unsatisfactory. Do not condemn Prepared Roofing on account of having had an experience of this kind. If you have never used prepared roofing or are skeptical, don't pay for experience—it is not necessary. We safeguard your interests. You cannot go wrong if you buy Rawhide Roofing. It is guaranteed to be saturated with pure Asphalt.

Rawhide Roofing contains absolutely no tar, oil or any other substitute for asphalt. Tar cracks in cold weather and melts under the heat of the summer sun. Oil quickly evaporates, leaving the roofing dry and brittle. Therefore, it is bound to buckle and crack. There is no satisfactory substitute for Asphalt.

The appearance of the surface of our Rawhide Rubber Roofing is like rubber. This surface is made by a heavy coat of strictly pure Asphalt being applied to the saturated wool felt and pressed between hot rolls under a great pressure, the surface being exactly the same on both sides.

We control the entire output of Rawhide Roofing and keep close watch to see that not an ounce of inferior material is used. Every car of felt or asphalt is put under the most rigid test and is rejected if found in any way inferior to our standard, which means, one hundred per cent pure.

OUR BINDING GUARANTEE

We guarantee that every roll of Rawhide Rubber Roofing is made on an all wool felt base of the highest grade—that it is saturated and surfaced with pure asphalt and does not contain tar. If laid in accordance with our simple directions we will replace without cost to you any Rawhide Rubber Roofing that may prove defective within the following term of years:

1-Ply Rawhide Rubber Roofing, Six Years. 2-Ply Rawhide Rubber Roofing, Nine Years. 3-Ply Rawhide Rubber Roofing, Twelve Years.

We do not impose any impossible conditions. All that is required is that it be laid smoothly and properly nailed and cemented at the laps. Anyone can do this. Our guarantee does not cover any roofing that becomes torn or is blown off by the wind.

Rawhide Roofing will outlast our guarantee by many years. With proper care it will last longer than any other rubber surfaced roofing on the market.

Above Illustration shows Roll of Rawhide Roofing Ready for Shipment.



Rawhide Roofing Furnished Complete No Extra Supplies Needed

Each roll contains 108 square feet, sufficient to cover one square, including laps.

We furnish Free large head nails and sufficient Asphalt Cement for laps packed securely in each roll.

Send for our roofing samples, Free for the asking. The samples will give you an opportunity to compare the appearance and toughness of Rawhide Roofing with others. You will then be convinced of the truth of our statements. If you like the samples, the roofing will please you better.



Freight Prepaid Prices on Our Rawhide Rubber Roofing

STATE	1-Ply	2-Ply	3-Ply	STATE	1-Ply	2-Ply	3-Ply	STATE	1-Ply	2-Ply	3-Ply
Illinois.....				Alabama.....				Louisiana.....	\$1.45	1.78	2.07
Indiana.....				Arkansas.....				Oklahoma.....			
Iowa.....				Connecticut.....				Colorado.....	1.63	2.02	2.35
Michigan.....				Georgia.....				Florida.....			
Ohio.....				Kansas.....				Texas.....			
Wisconsin.....	\$1.20	\$1.40	\$1.70	Maine.....				Arizona.....			
				Minnesota.....				California.....			
Delaware.....				Mississippi.....				Idaho.....			
District Columbia.....				Nebraska.....				Montana.....			
Kentucky.....				New Hampshire.....	\$1.40	1.73	2.00	New Mexico.....	1.79	2.22	2.60
Maryland.....				North Carolina.....				Oregon.....			
Massachusetts.....				North Dakota.....				Utah.....			
Missouri.....				Rhode Island.....				Washington.....			
New Jersey.....				South Carolina.....				Wyoming.....			
New York.....				South Dakota.....				Nevada.....	2.04	2.55	3.00
Pennsylvania.....				Tennessee.....							
West Virginia.....				Vermont.....							
				Virginia.....							

Above Illustration shows how we Pack Large Head Nails and Cement in Each Roll of Roofing.

HARRIS BROTHERS COMPANY, 35th and Iron Streets, Chicago, Ill.

Rawhide Pebble Coat Roofing

Rawhide Pebble Coat Roofing is made from strictly all-wool felt and saturated with pure asphalt and surfaced with smooth Lake Michigan pebbles, while other makers use crushed material sharp edges that cut into the felt and thereby weaken the fibre. The saturated felt is run through a special heavy hot coating asphalt. The surfacing is then put on and the roofing passes through heavy rolls under great pressure, imbedding the surfacing into the asphalt.

MAKE COMPARISON AND TEST. Compare our Rawhide Pebble Coat Roofing with roofing of similar grade offered by others. Note the smoothness of the surface. Try its toughness. In fact, compare it from any angle and we confidently believe that your verdict will be in favor of Rawhide Pebble Coat Roofing in preference to any make of surfaced roofing in the world.

Our Three Layer Rawhide Pebble Coat Roofing is guaranteed for 10 years and is built in three separate layers, the first being extra weight pure wool felt saturated with pure asphalt; the second a layer of asphalt; the third being pebble coat finish.

EASY TO LAY. You can lay Rawhide Pebble Coat Roofing as easily as any other prepared roofing. It is made with an improved smooth edge, two and a half inches wide, without the pebble coat surface. When laid the roof has a solid pebble coat surface; the seams can scarcely be seen.

We guarantee the materials that enter in the construction of Rawhide Pebble Coat Roofing to be the same high grade as used in our Rawhide Rubber Roofing and not to contain Coal Tar. If laid in accordance with our simple directions, we will replace without cost to you, any Rawhide Pebble Coat Roofing that may prove defective within the following term of years:

3 Layer RAWHIDE PEBBLE COAT ROOFING, 10 Years.

Put up in rolls containing 108 square feet, sufficient to cover one square (100 square feet), including laps.

**Price \$1.50 Per Roll,
F. O. B. Cars, Chicago**

"Rubberized Galvo" Ready Roofing

Our "Rubberized Galvo" Roofing is of superior quality. It is practically the same as our Rawhide Rubber Roofing, being made from pure asphalt and positively contains no coal tar. It is furnished direct from the manufacturers and is a regular grade made by them with the exception, that instead of a continuous piece as Rubber Roofing usually comes, it is put up in 2 or 3 pieces to the roll, commonly termed, "mill ends." This does not in any sense injure same from the standpoint of service. The fact that it is not made in one piece, does not lessen its wearing qualities or make any difference in its appearance.

The quality of this roofing is far superior to most of the Rubber Roofing that is being generally offered. It has a rubber surface on both sides and is pliable and wear-resisting. It is weather and lightning proof and can be used in any climate, and is not affected by heat or cold, acids, alkali or gases and will not taint rain water.

Each roll is complete with large head nails, and liquid cement for laps. It is put up in 1 and 2 square rolls, sufficient to lay 100 or 200 square feet, with a liberal allowance for laps.

13-D-56. ONE PLY. Suitable for barns, sheds and dwellings. Weighs about 35 pounds per square.

13-D-57. TWO PLY. For dwellings, factories, warehouses and for all general roofing purposes. Weighs about 45 pounds per square.

13-D-58. THREE PLY. Used on any kind of building where a heavy durable roofing is required. Weighs about 55 pounds per square.

**These Prices are F. O. B.
Cars, Chicago**

Rubberized Galvo Roofing. Put up 2 or 3 pieces to the roll; 1 and 2 square rolls sufficient to lay 100 or 200 square feet with necessary allowance for laps. Each roll complete with nails and cement.

Prices for 1 square roll to lay 100 square feet as follows:

13-D-56. One-Ply Rubberized Galvo, 75c
per roll

13-D-57. Two-Ply Rubberized Galvo, 90c
per roll

13-D-58. Three-Ply Rubberized Galvo, \$1.00
per roll

HARRIS BROTHERS COMPANY, 35th and Iron Streets, Chicago, Ill.

Sheathing Paper, Felt and Sundries

Sheathing papers are Not Suitable for Roofing Purposes

To be Used Under Floors, Shingles, Clap Boards, on Walls and Ceilings

"Premier" Red Rosin Sized Sheathing Paper

Is made by a special process, faced on both sides, thoroughly rosin sized, making it damp-proof and vermin proof. We guarantee this paper to be absolutely the best for ordinary building purposes. Put up in rolls of 20 lbs., 30 lbs., 40 lbs., 36 inches wide, containing about 500 square feet.

10-H-10
20 Pounds 37c

10-H-11
30 Pounds 55c

10-H-12
40 Pounds 72c

"Perfection" Tarred Felt

Is used extensively for roofing, sheathing and general building purposes. Made of the best grade of wool felt, carefully selected, thoroughly saturated with distilled tar. Warranted to unroll freely without sticking.

Grade No. 1 is our heaviest and is used as a sheathing paper for all general purposes; also between floors for deadening purposes. Grade No. 2 is of medium weight and makes an excellent sheathing paper.

Put up in rolls 32 inches wide, weight approximately 60 lbs. each.

Weight and Price Per Roll

10-H-13. No. of square feet to the roll, 225
Grade No. 1. Price, per roll \$1.15

10-H-14. No. of square feet to the roll, 450.
Grade No. 2. Price, per roll \$1.15

"Premier" Wool Deadening Felt

Made of the very finest selected grade of wool felt soft and pliable. It is used to deaden sound between floors and walls. We recommend that it be used under floors as it adds to the warmth of the building. Put up in rolls 36 inches wide.

Weight and Price Per Roll

10-H-19. Weight per square yard, 1 lb.; approx.
imate 50 sq. yds. to roll. Grade No. 1.
Price, per roll \$1.62

10-H-99. Weight per square yard, 1/2 lbs.: approx.
imate 75 sq. yds. to roll. Grade No. 2.
Price, per roll \$2.44

"Perfection" Tarred Straw Board Sheathing

This is a very popular sheathing paper and is made of heavy straw board, thoroughly saturated with distilled coal tar. It is put up in rolls 32 inches wide and weighs about 16 lbs. to the 100 square foot. Rolls weigh from 50 to 75 lbs.

10-H-18. Price, per lb 3c

"Perfection" Slaters Felt

This is the ideal sheathing paper and is also used largely under metal and slate roofs. It can be used in place of Red Rosin or any other of the sheathing papers we offer. It is put up in rolls 36 inches wide, each roll containing 500 square feet. Weight per roll, approximately 35 pounds.

10-H-15. Price, per roll 72c

"Premier" Blue Plaster Board

We guarantee this to be the best grade of Plaster Board manufactured. It is a strong, tough paper, used under clap boards for sheathing and on walls in place of plaster. When used for this purpose it is tacked to the studding and wall paper can be placed over it, making a very satisfactory body. It is put up in rolls 36 inches wide.

10-H-16. Contains 250 square feet. Weight,

30 lbs.

Price, per roll 67c

10-H-17. Contains 500 square feet. Weight, 60 lbs. Price, per roll \$1.35

Eagle Brand Coating.

A black, protective coating manufactured by a special process from a refined pitch fluxed with mineral oil. One gallon covers about 100 square feet, dries in 24 hours. Valuable for preserving felt roofs or surfaces exposed to water or dampness. Can be used

with good results on any exposed surface and will keep your roof in good shape. We recommend its use in connection with prepared tarred felt roofing. It is not as durable as our Proteco Asphalt Paint which we guarantee to be the best preservative paint on the market.

Number	Size	Price
13-H-33.	2 gal.	\$0.54
13-H-34.	5 gal.	1.05
13-H-35.	10 gal.	1.95
13-H-36.	25 gal.	3.00
13-H-37.	50 gal.	5.50

IN OUR SPECIAL ROOFING CATALOG

We show one-hundred different styles and grades of roofing and quote net delivered prices.

SEND FOR IT.



RAWHIDE OILED INSULATED SHEATHING

AIR WATER AND VERMIN PROOF

This, as well as all material bearing this brand, is of the very highest quality. We know that in our Rawhide, we are offering the very best building paper that was ever put on the market. It is absolutely Air, Water and Vermin Proof, and will undergo the severest heat test without becoming hard or brittle. It is put up in rolls weighing approximately 20 lbs. and guaranteed to contain 400 square feet. Is 36 inches wide. 10-C-100. Rawhide Building Paper. 90c per roll.

Premier Refined Asphalt Coating.



For recoating Gravel, Metal or Composition Roofs. Also for coating reservoirs and cisterns and waterproofing the foundations of buildings. This Asphalt is 99 per cent. pure and melts at 208 degrees Fahrenheit.

Compared with coal tar, it has much greater covering surface. One ton contains about 250 gallons as against 166 gallons to one ton of coal tar. For all waterproofing work, such as foundations, it requires about 30 pounds to the square and for recoating roofs about 40 pounds to the square. When melted this Asphalt can be easily applied. Put up in steel drums containing approximately 100, 250 and 400 pounds.

13-M-49. Price, per drum, about 250 lbs. \$3.75

13-M-50. Price, per drum, about 400 lbs. \$6.00

13-M-51. Price, per drum, about 100 lbs. \$1.50

Roofing Brushes.

Heavy, stiff bristles, properly cemented into head of selected air dried, hard maple. Each knot is very full and wire bound. Can be used for applying Asphalt. Pitch and roof coating. 37c
13-H-47. 2-Knot Brush. Price. 37c
13-H-48. 3-Knot Brush. Price. 57c

13-H-49. 4-Knot Brush. Price. 75c

13-H-50. 5-Knot Brush. Price. 95c

13-H-51. 6-Knot Brush. Price. 115c

13-H-52. 7-Knot Brush. Price. 135c

13-H-53. 8-Knot Brush. Price. 155c

13-H-54. 9-Knot Brush. Price. 175c

13-H-55. 10-Knot Brush. Price. 195c

13-H-56. 11-Knot Brush. Price. 215c

13-H-57. 12-Knot Brush. Price. 235c

13-H-58. 13-Knot Brush. Price. 255c

13-H-59. 14-Knot Brush. Price. 275c

13-H-60. 15-Knot Brush. Price. 295c

13-H-61. 16-Knot Brush. Price. 315c

13-H-62. 17-Knot Brush. Price. 335c

13-H-63. 18-Knot Brush. Price. 355c

13-H-64. 19-Knot Brush. Price. 375c

13-H-65. 20-Knot Brush. Price. 395c

13-H-66. 21-Knot Brush. Price. 415c

13-H-67. 22-Knot Brush. Price. 435c

13-H-68. 23-Knot Brush. Price. 455c

13-H-69. 24-Knot Brush. Price. 475c

13-H-70. 25-Knot Brush. Price. 495c

13-H-71. 26-Knot Brush. Price. 515c

13-H-72. 27-Knot Brush. Price. 535c

13-H-73. 28-Knot Brush. Price. 555c

13-H-74. 29-Knot Brush. Price. 575c

13-H-75. 30-Knot Brush. Price. 595c

13-H-76. 31-Knot Brush. Price. 615c

13-H-77. 32-Knot Brush. Price. 635c

13-H-78. 33-Knot Brush. Price. 655c

13-H-79. 34-Knot Brush. Price. 675c

13-H-80. 35-Knot Brush. Price. 695c

13-H-81. 36-Knot Brush. Price. 715c

13-H-82. 37-Knot Brush. Price. 735c

13-H-83. 38-Knot Brush. Price. 755c

13-H-84. 39-Knot Brush. Price. 775c

13-H-85. 40-Knot Brush. Price. 795c

13-H-86. 41-Knot Brush. Price. 815c

13-H-87. 42-Knot Brush. Price. 835c

13-H-88. 43-Knot Brush. Price. 855c

13-H-89. 44-Knot Brush. Price. 875c

13-H-90. 45-Knot Brush. Price. 895c

13-H-91. 46-Knot Brush. Price. 915c

13-H-92. 47-Knot Brush. Price. 935c

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13-H-94. 49-Knot Brush. Price. 975c

13-H-95. 50-Knot Brush. Price. 995c

13-H-96. 51-Knot Brush. Price. 1015c

13-H-97. 52-Knot Brush. Price. 1035c

13-H-98. 53-Knot Brush. Price. 1055c

13-H-99. 54-Knot Brush. Price. 1075c

13-H-100. 55-Knot Brush. Price. 1095c

13-H-101. 56-Knot Brush. Price. 1115c

13-H-102. 57-Knot Brush. Price. 1135c

13-H-103. 58-Knot Brush. Price. 1155c

13-H-104. 59-Knot Brush. Price. 1175c

13-H-105. 60-Knot Brush. Price. 1195c

13-H-106. 61-Knot Brush. Price. 1215c

13-H-107. 62-Knot Brush. Price. 1235c

13-H-108. 63-Knot Brush. Price. 1255c

13-H-109. 64-Knot Brush. Price. 1275c

13-H-110. 65-Knot Brush. Price. 1295c

13-H-111. 66-Knot Brush. Price. 1315c

13-H-112. 67-Knot Brush. Price. 1335c

13-H-113. 68-Knot Brush. Price. 1355c

13-H-114. 69-Knot Brush. Price. 1375c

13-H-115. 70-Knot Brush. Price. 1395c

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13-H-118. 73-Knot Brush. Price. 1455c

13-H-119. 74-Knot Brush. Price. 1475c

13-H-120. 75-Knot Brush. Price. 1495c

13-H-121. 76-Knot Brush. Price. 1515c

13-H-122. 77-Knot Brush. Price. 1535c

13-H-123. 78-Knot Brush. Price. 1555c

13-H-124. 79-Knot Brush. Price. 1575c

13-H-125. 80-Knot Brush. Price. 1595c

13-H-126. 81-Knot Brush. Price. 1615c

13-H-127. 82-Knot Brush. Price. 1635c

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13-H-129. 84-Knot Brush. Price. 1675c

13-H-130. 85-Knot Brush. Price. 1695c

13-H-131. 86-Knot Brush. Price. 1715c

13-H-132. 87-Knot Brush. Price. 1735c

13-H-133. 88-Knot Brush. Price. 1755c

13-H-134. 89-Knot Brush. Price. 1775c

13-H-135. 90-Knot Brush. Price. 1795c

13-H-136. 91-Knot Brush. Price. 1815c

13-H-137. 92-Knot Brush. Price. 1835c

13-H-138. 93-Knot Brush. Price. 1855c

13-H-139. 94-Knot Brush. Price. 1875c

13-H-140. 95-Knot Brush. Price. 1895c

13-H-141. 96-Knot Brush. Price. 1915c

13-H-142. 97-Knot Brush. Price. 1935c

13-H-143. 98-Knot Brush. Price. 1955c

13-H-144. 99-Knot Brush. Price. 1975c

13-H-145. 100-Knot Brush. Price. 1995c

13-H-146. 101-Knot Brush. Price. 2015c

13-H-147. 102-Knot Brush. Price. 2035c

13-H-148. 103-Knot Brush. Price. 2055c

13-H-149. 104-Knot Brush. Price. 2075c

13-H-150. 105-Knot Brush. Price. 2095c

13-H-151. 106-Knot Brush. Price. 2115c

13-H-152. 107-Knot Brush. Price. 2135c

13-H-153. 108-Knot Brush. Price. 2155c

13-H-154. 109-Knot Brush. Price. 2175c

13-H-155. 110-Knot Brush. Price. 2195c

13-H-156. 111-Knot Brush. Price. 2215c

13-H-157. 112-Knot Brush. Price. 2235c

13-H-158. 113-Knot Brush. Price. 2255c

13-H-159. 114-Knot Brush. Price. 2275c

13-H-160. 115-Knot Brush. Price. 2295c

13-H-161. 116-Knot Brush. Price. 2315c

13-H-162. 117-Knot Brush. Price. 2335c

13-H-163. 118-Knot Brush. Price. 2355c

13-H-164. 119-Knot Brush. Price. 2375c

13-H-165. 120-Knot Brush. Price. 2395c

13-H-166. 121-Knot Brush. Price. 2415c

13-H-167. 122-Knot Brush. Price. 2435c

13-H-168. 123-Knot Brush. Price. 2455c

13-H-169. 124-Knot Brush. Price. 2475c

13-H-170. 125-Knot Brush. Price. 2495c

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13-H-172. 127-Knot Brush. Price. 2535c

13-H-173. 128-Knot Brush. Price. 2555c

13-H-174. 129-Knot Brush. Price. 2575c

13-H-175. 130-Knot Brush. Price. 2595c

13-H-176. 131-Knot Brush. Price. 2615c

13-H-177. 132-Knot Brush. Price. 2635c

13-H-178. 133-Knot Brush. Price. 2655c

13-H-179. 134-Knot Brush. Price. 2675c

13-H-180. 135-Knot Brush. Price. 2695c

13-H-181. 136-Knot Brush. Price. 2715c

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13-H-183. 138-Knot Brush. Price. 2755c

13-H-184. 139-Knot Brush. Price. 2775c

13-H-185. 140-Knot Brush. Price. 2795c

13-H-186. 141-Knot Brush. Price. 2815c

13-H-187. 142-Knot Brush. Price. 2835c

13-H-188. 143-Knot Brush. Price. 2855c

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13-H-190. 145-Knot Brush. Price. 2895c

13-H-191. 146-Knot Brush. Price. 2915c

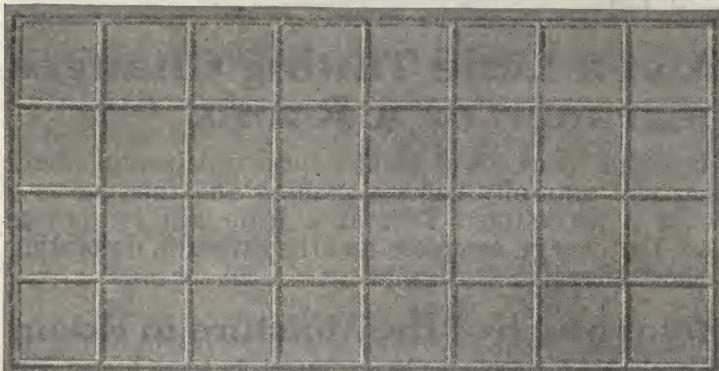
13-H-192. 147-Knot Brush. Price. 2935c

13-H-193

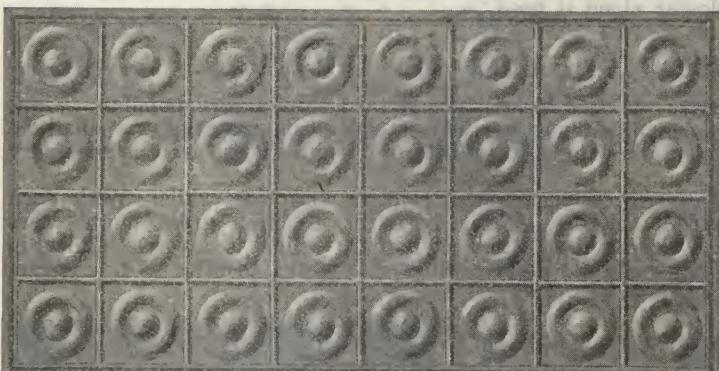
Ornamental Steel Ceilings and Wall Plates



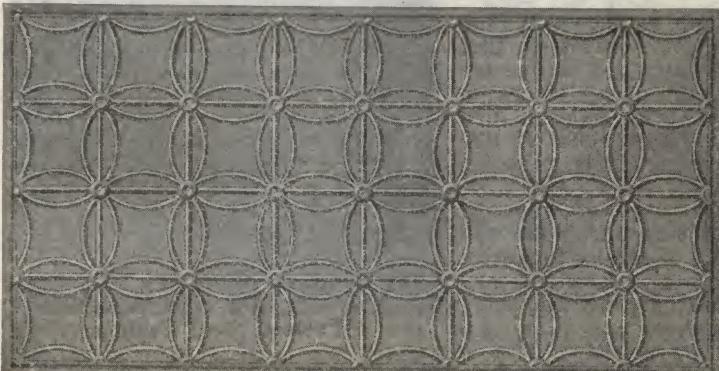
Design 7D4040. Ceiling or wall plate. Sheets furnished in various sizes.



Design 7D4141. Ceiling or wall plate. Sheets furnished in various sizes.



Design 7D4242. Ceiling or wall plate. 2 ft. x 2 ft. sheets only.



Design 7D4343. Ceiling or wall plate. Sheets, 2 ft. x 2 ft., only.

From Our Chicago Warehouse

Design 7D4040

This diamond plate design is both good to look at and very economical. While used extensively for ceilings and side walls it is well suited for use as roofing on account of the imitation shingle effect. The sheets lay flat and will not bulge or draw the nails. Used as a gable trimming, it is unsurpassed. The dimensions of the surface you have to cover enables us to send you sheets that will work to best advantage. Can be furnished in various sizes. Price, per square of 100 square feet,

\$ 2¹₅

F. O. B. Our Chicago Warehouse

Design 7D4141

Here is a pleasing design adapted to almost any part of your building, inside or outside; especially desirable for bathroom and kitchen walls. For a tile or wainscoting effect it is recommended highly. This design also makes a good gable trimming on residences. Put on with utmost ease; checked off in 6 inch squares by ridges of about 3-8 inch. Sheets can be furnished in various sizes. Give us dimensions of the surface you wish to cover and we will figure the material for best economy. Price, per square of 100 square feet,

\$ 2²₅

F. O. B. Our Chicago Warehouse

Design 7D4242

For the accommodation of our customers and to meet the fast growing demand we have made the necessary arrangements to supply this plate 2 ft. by 2 ft., only. It shows 6 inch units in repetition and with its beaded edge the sheets are very easily applied and easily handled in this convenient size. Just the thing for rooms of irregular dimensions. When put on a joint thoroughly dust proof is made and when painted it is almost impossible to locate the joints. This is one of the most popular designs we have ever offered and you will do well to consider it carefully. Price, per square of 100 square feet,

\$ 2⁴₅

F. O. B. Our Chicago Warehouse

Design 7D4343

Here is another good design in the 2 ft. by 2 ft. size only. For rooms of irregular dimensions. A sheet of this size is easily handled and conveniently put on. The beaded edge insures a dust proof and concealed joint. The design is built on a 6 inch unit and is one of the most desirable patterns on the market for this kind of work. It is a standard pattern that has stood the test and continues to grow in popularity. Consider this very carefully before you make your choice. Price, per square of 100 square feet,

\$ 2⁶₅

F. O. B. Our Chicago Warehouse

All plates on this page are furnished unpainted, which gives you the opportunity to finish them in any color after they are applied.

HARRIS BROTHERS COMPANY, 35th and Iron Streets, Chicago, Ill.

ORNAMENTAL STEEL CEILINGS

For Halls, Churches, Stores, Lobbies, Entrances, Offices, Restaurants, Hotels, Residences, Lodge Rooms, Etc.

The economy of steel ceilings is only one of its many advantages over wood or plaster; among other apparent advantages are:

Fire And Dust Proof

The patent beaded lap joints used on all our metal ceilings and sidings make it absolutely dust proof. The use of either helps to prevent danger of fire. This is one great advantage in Theatres, Lodge Rooms, Halls, Churches, etc., where these qualities are demanded.

Eliminates All Danger of Falling Plaster

In applying Steel Ceiling, wood strips are first nailed to the joists, then the ceiling is attached to the strips; thus the plaster cannot fall.

A Fresh Coat of Paint And a Little Tinting Changes the Whole Appearance of a Room

No other ceiling can be as completely changed by a coat of paint as can ornamental Metal Ceiling. The figures pressed into the ceiling will naturally make a shading and this makes a common coat of paint look like the work of a decorator. Then if a little gilt or bronze tinting is applied to the raised parts it makes the change complete and the saving in decorating expense will pay for the ceiling in a very short time.

Keeps a Room Dry—Plaster Holds Much of the Moisture in Room

This one feature alone makes metal ceiling invaluable for public buildings, especially those heated only now and then. The use of the material will prove conclusively that a room in which it is used is more quickly and easily heated than one in which wood and plaster alone is used.

Cool in Summer, Warm in Winter

These facts in connection with its ornamental qualities have made Metal Ceilings very popular.

We show here only a few of our popular designs. If you are interested in this material, we shall be pleased to have you send us a diagram of your room, showing any off-sets or irregularities, as it is necessary to know this in order to figure borders, mitres, etc.

On the following pages we show several patterns of ornamental ceilings and side walls. With each we have quoted approximate prices. These prices will not, in all cases, be exact, as in a great many cases where rooms are of irregular shape, they require a larger proportion of border, which is always higher in price than field plates. In regard to measuring your room for steel ceiling, always try to send us a diagram of your room, showing off-sets and irregularities and we will give you net prices.

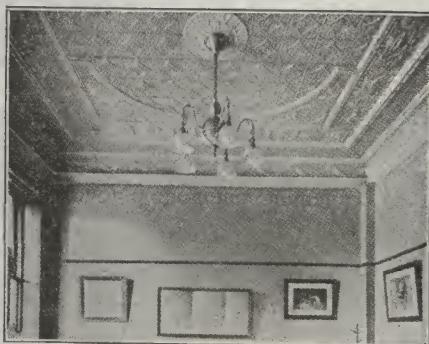
INSTRUCTIONS FOR APPLYING

Furring for Flat Plates or Panels not Deeper than 1 1/4 Inches

Strike chalk lines the length of room at distance as shown in Blue Print. Be careful to have center of furring strip to come on line so that in applying the plates, the nailing bead will come directly over line between the strips and across the room.

Nail "headers" or cross strips at distance between centers, equal to distances between nailing Beads, as shown on the Blue Print.

Nail strips in angle of wall and ceiling and at a distance from the wall equal to projection of cornice to receive the cornice brackets. Flat plates may be applied to sheathing without using furring strips. Of course sheathing should be level.



Any Ordinary Workman Can Erect
A Ceiling Like This With Our
Pressed Steel Ceilings

Working Plans (Blue Prints) furnished with every order showing location of each selection or Part of Design Selected.

HARRIS BROTHERS COMPANY, 35th and Iron Streets, Chicago, Ill.

Instructions for Ordering Metal Ceilings and Side Walls

Send us a sketch of the room to be ceiled, giving accurate dimensions showing all off-sets and openings such as chimneys, stairways, skylights, and elevators. When skylights are shown the exact location of same must be given. This can be obtained by giving distance from one side wall to edge of opening and from rear wall to edge of opening.

With reference to stairways and elevators, state if they are opened or closed, as we must have this information to show the proper finish on our working plans. If any beams are shown, give exact location of same, state if wood or steel and give size. If beam is 8-in. wide and 12-in. deep, do not say wood or steel beam 8x12 in. as this would not give us the proper information. Give width and depth.

With reference to recessed store fronts, give depth of entrance on a straight line from window line to door line, also exact location of entrance.

For side walls give distance from top of wood Base Board to ceiling and specify design wanted. If wood wainscoating is to be used, mention same in your order, giving distance from top of wainscoting to ceiling and state if wood or steel wainscot rail is to be used. By giving us distance from top of window casings to ceiling we can better determine what size cornice to ship.

All unnecessary delays can be avoided by following instructions above.

How To Estimate Cost

Add one foot to width and length of room if a 6-inch cornice is used and two feet for a 12-inch cornice.

Multiply length by width and obtain number of square feet of surface to be covered.

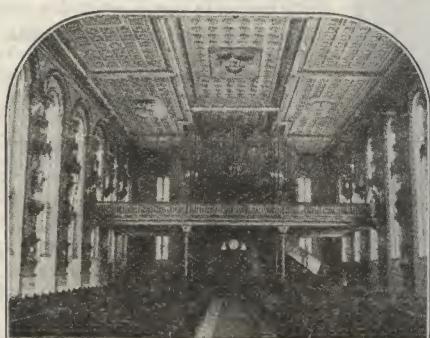
Make no deduction for skylight openings measuring less than one hundred square feet or for stairways and windows measuring less than fifty square feet.

Terms Used in Ordering Ceilings and Materials

CORNICE . Part of ceiling used at the intersection of walls and ceiling. Cornice projects on ceiling and drops on wall as illustrated by profile on page where cornice is illustrated.

MITRES . . . Used in corners where cornice of two walls join. Our mitres are stamped in one piece and are made for inside and outside corners. We make mitres for square corners only.

BRACKETS . Wood brackets cut to shape of cornice and used at every lap in the cornice.



Interior View of Church Finished
With One Of Our Pressed
Steel Ceilings



Church Interior, Showing Artistic Effect Produced By Our Pressed Steel Ceilings.

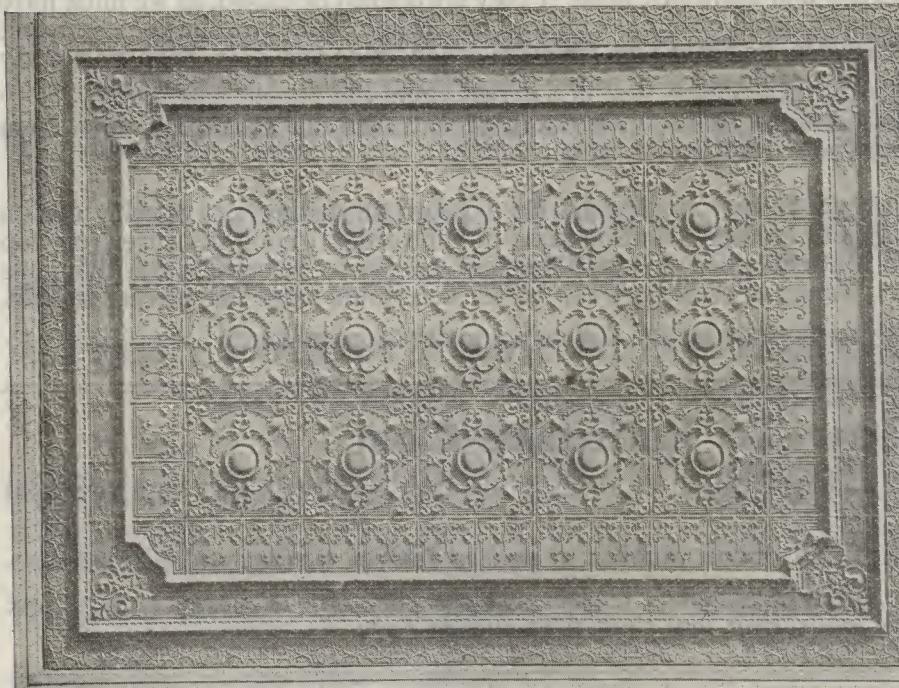
FILLER That portion of the ceiling shown between cornice and moulding or border plate. Filler is always shipped wider than that shown on plan so the cornice, border or field plate will overlap the edges.

BORDER PLATE That portion of the ceiling used around the field. We make flat and molded border plates, and for either style we furnish corners for same.

FIELD OR FIELD PLATES That portion of the ceiling shown inside the border plate, or the main portion of the ceiling.

ORNAMENTAL STEEL CEILINGS

For Halls, Churches, Stores, Lobbies, Residences,
Offices, Restaurants, Hotels, Lodge Rooms, etc.



“Turkish”

Design No. 7-D-1272

Cornice—4 inches deep and 4 inches projection.

Filler—width varies.

Double Moulded Border Plate—24 inches wide with ornamental corners 24x24 inches to match.

Field Plate—stamped in sheets 24x48 inches with figures in 24 inch multiples.

We recommend a larger cornice for store ceilings.

Add 1 foot to the length and width of your rooms when estimating the number of squares to be covered.

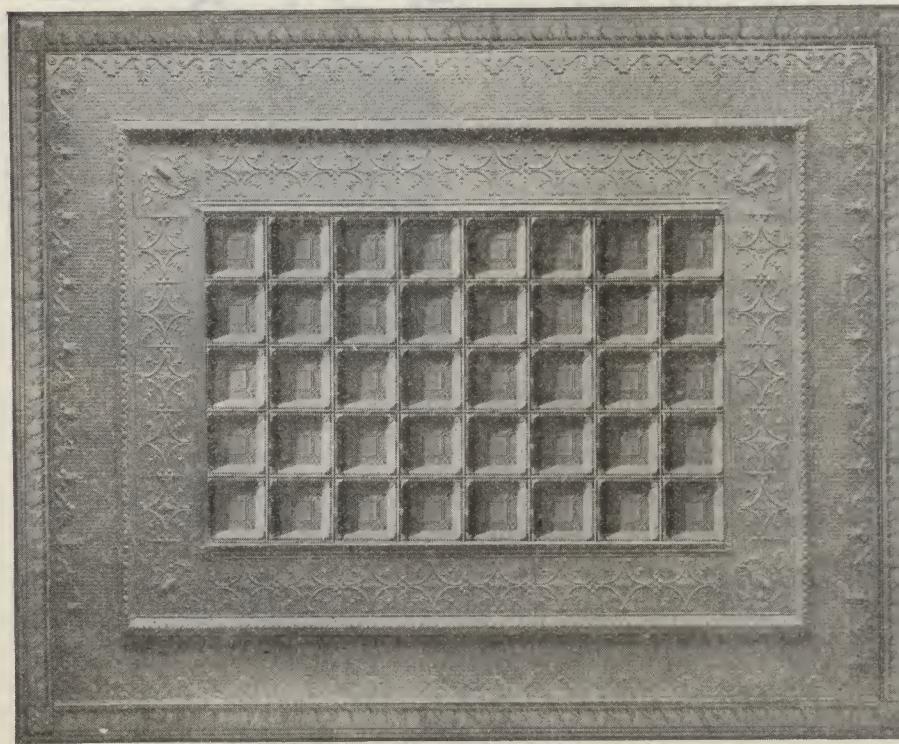
The following prices include all the necessary ceiling plates, cornices, fillers, nails, wood brackets and blue prints for erecting:

Design No. 7-D-1272

Price based on room 15x20 feet and larger. Per 100 sq. ft.....\$4.50

Price based on room 20x40 feet and larger. Per 100 sq. ft..... 4.30

Price based on room 25x60 feet and larger. Per 100 sq. ft..... 4.10



“Gothic”

Design No. 7-D-1217

Thoroughly in harmony with the characteristics of this style of architecture.

Cornice—4 inches deep and 4 inches projection.

Filler—width varies.

Molded Border Plate—18 inches wide with corner plates 18x18 inches to match.

Field Panels—stamped in sheets 24x48 inches showing 8 small panels 12x12 inches to the sheet.

We recommend a larger cornice for store ceilings.

Add 1 foot to length and width of your room when estimating number of squares in ceiling.

We send blue prints with the aid of which any one can easily put up the ceiling.

Prices include all ceiling plates, cornices, fillers, nails, wood brackets and blue prints for erecting.

Design No. 7-D-1217

Price based on room 15x20 feet and larger. Per 100 sq. ft.....\$4.15

Price based on room 20x40 feet and larger. Per 100 sq. ft..... 3.95

Price based on room 26x60 feet and larger. Per 100 sq. st..... 3.75

NEWEST AND BEST EFFECTS

Artistic, Dust Proof, Fire Resisting Ceilings At
a Small Cost—Note The Specially Low Prices

"French Renaissance"

Design No. 7-D-1233

One of the best French styles of ornamentation. Rich in ornamental details.

Cornice—4 inches deep and 4 inches projection.

Filler—width varies.

Molded Border Plate—18 inches wide with corner plates 18x18 inches to match.

Field Plate—stamped in sheets 24x48 inches with figures in 12 inch multiples.

We recommend a larger cornice for store ceilings.

Add 3 feet to length and width of room when estimating number of squares in ceiling.

Prices include all necessary ceiling plates, cornices, fillers, wood brackets and blue prints for erecting.

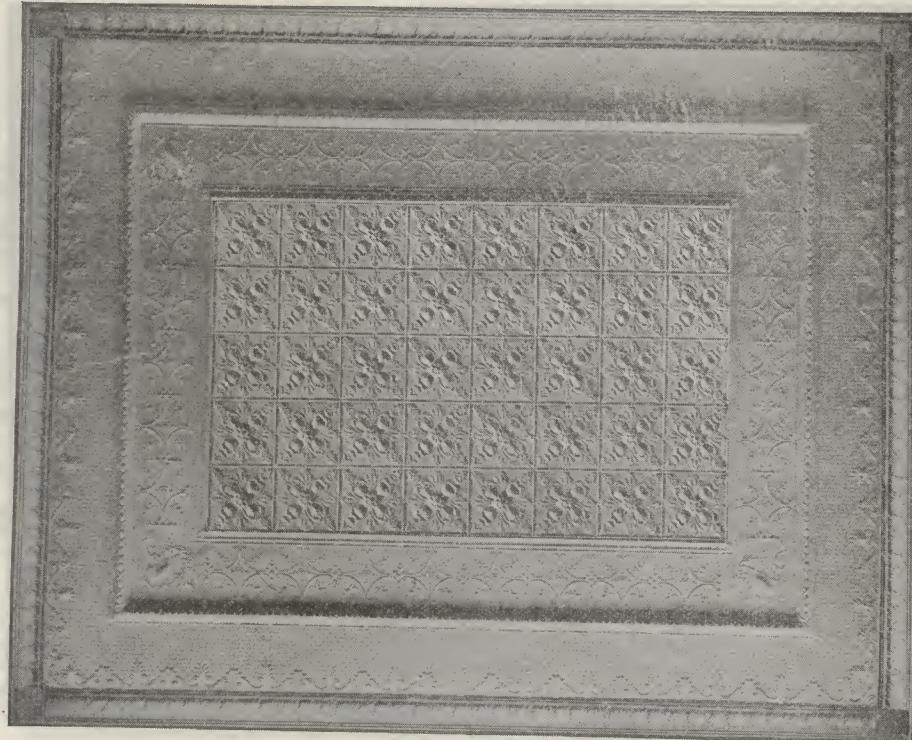
Design No. 7-D-1233

Price based on room 15x20 feet and larger. Per 100 sq. ft..... \$4.10

Price based on room 20x40 feet and larger. Per 100 sq. ft..... 3.90

Price based on room 25x60 feet and larger. Per 100 sq. ft..... 3.70

Send your inquiries and diagram of room and we will give you the exact cost delivered at your station.



"Roman"

Design No. 7-D-1274

Very massive and elaborate—truly a classic design.

Cornice—4 inches deep and 4 inches projection.

Filler—width varies.

Molded Border Plate—18 inches wide with corner plates 18x18 inches to match.

Field Plate—stamped in sheets 24x48 inches with figures in 12 inch multiples.

Add 2 feet to length and width of your room when estimating number of squares in ceiling.

We recommend a larger cornice for store ceilings.

Prices include all necessary ceiling plates, cornices, fillers, wood brackets and blue prints for erecting.

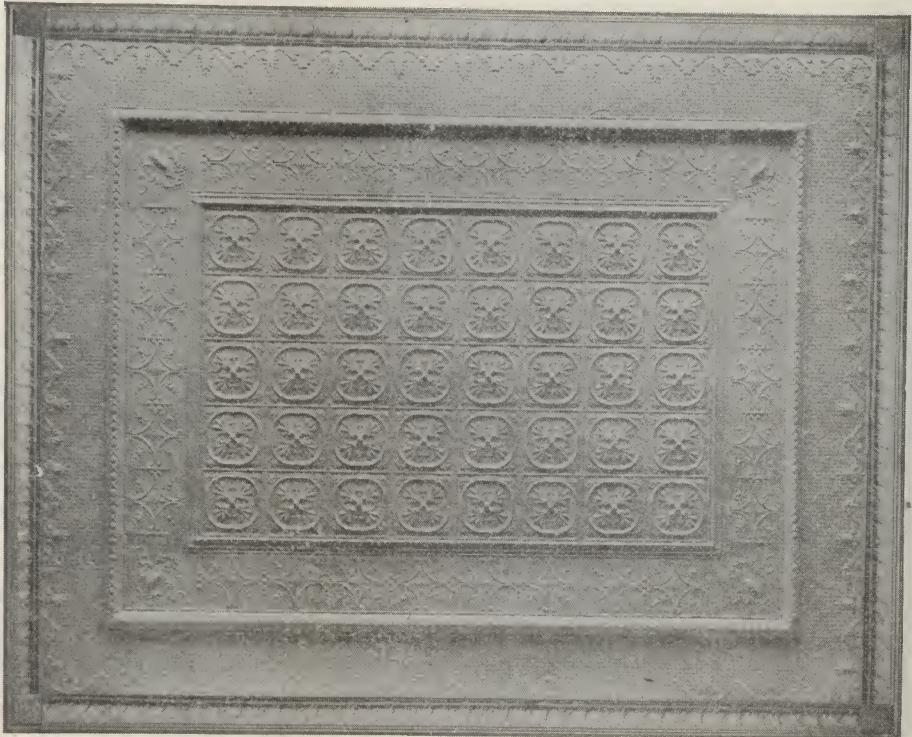
Design No. 7-D-1274

Price based on room 15x20 feet and larger. Per 100 sq. ft..... \$4.10

Price based on room 20x40 feet and larger. Per 100 sq. ft..... 3.90

Price based on room 25x60 feet and larger. Per 100 sq. ft..... 3.70

All above prices F. O. B. cars Chicago, write for delivered prices.



HARRIS BROTHERS COMPANY, 35th and Iron Streets, Chicago, Ill.

ORNAMENTAL STEEL CEILINGS

Each Ceiling is Complete and Made to Fit Your Room

"Romanesque"

Design No. 7-D-1248

A remarkably effective likeness of this rich, yet dignified, style.

Add 1 foot to length and width of your room when estimating the number of squares in ceiling.

Cornice—4 inches deep and 4 inches projection.

Filler—width varies.

Border Plates—11 inches wide with corner plates 11x11 inches to match.

Field Plate—stamped in sheets 24x48 inches with figures in 12 inch multiples.

We recommend a larger cornice for store ceilings.

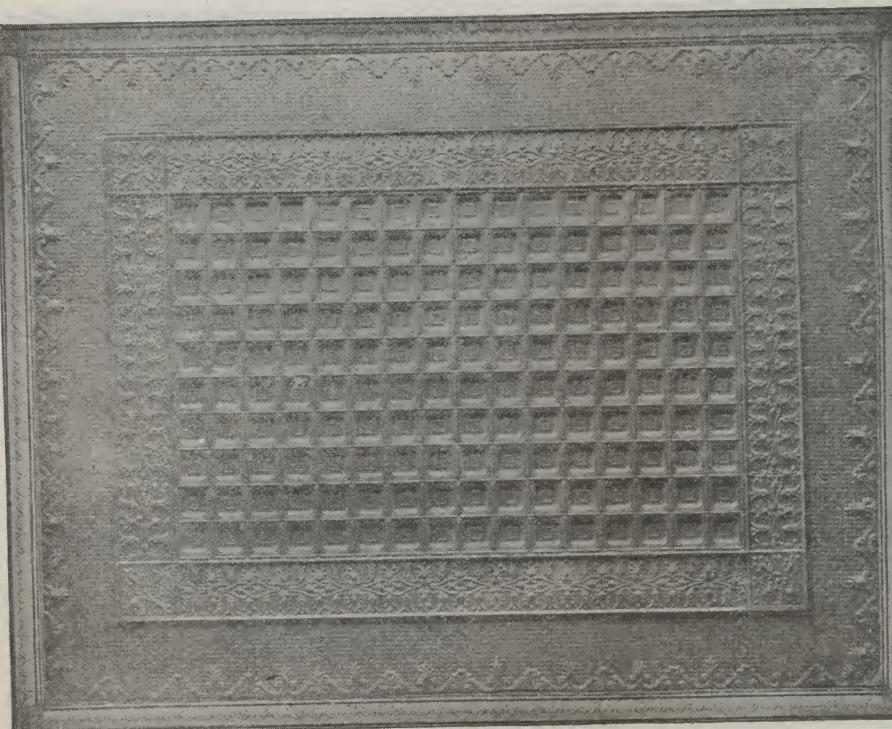
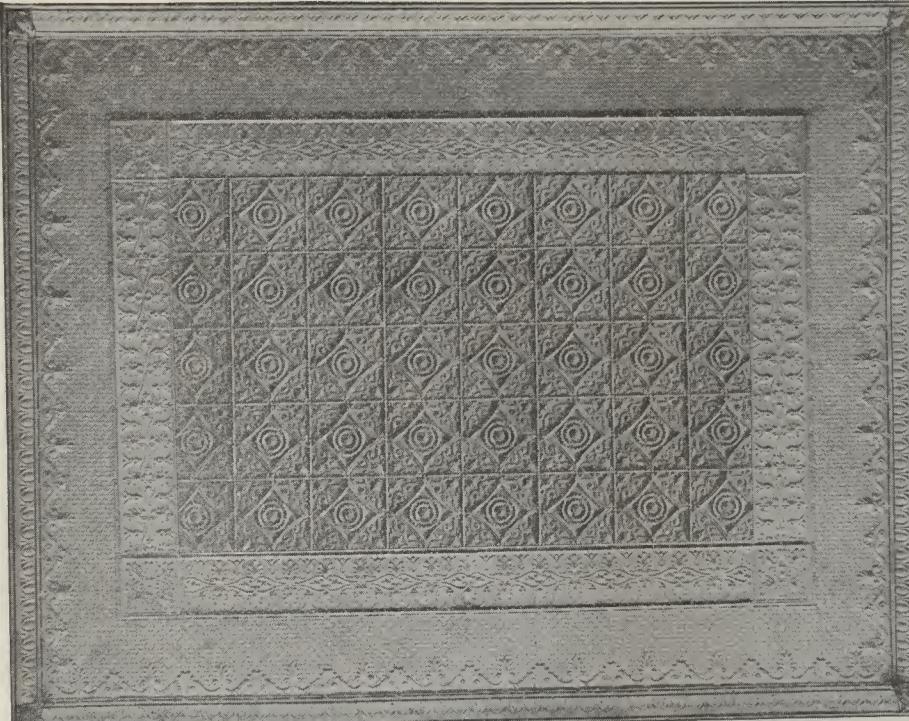
Prices include all the necessary ceiling plates, cornices, fillers, wood brackets and blue prints for erecting.

Design No. 7-D-1248

Price based on room 15x20 feet and larger. Per 100 sq. ft..... \$4.00

Price based on room 20x40 feet and larger. Per 100 sq. ft..... 3.80

Price based on room 25x60 feet and larger. Per 100 sq. ft..... 3.60



"Colonial"

Design No. 7-D-1046

A strikingly handsome design which harmonizes perfectly with the always popular Colonial style of architecture.

Add 1 foot to length and width of your room when estimating the number of square feet to be covered.

Cornice—4 inches deep and 4 inches projection.

Filler—width varies.

Border Plate—11 inches wide with corner plates 11x11 inches to match.

Field Plate—stamped in sheets 24x48 inches with figures in 6 inch multiples.

We recommend a larger cornice for store ceilings.

Prices include all the necessary ceiling plates, cornices, fillers, wood brackets and blue prints for erecting.

Design No. 7-D-1046

Price based on room 15x20 feet and larger. Per 100 sq. ft..... \$4.00

Price based on room 20x40 feet and larger. Per 100 sq. ft..... 3.80

Price based on room 25x60 feet and larger. Per 100 sq. ft..... 3.60

HARRIS BROTHERS COMPANY, 35th and Iron Streets, Chicago, Ill.

PRICED LOW FOR YOUR SAVING

With Each Ceiling We Furnish Blue Print Showing
How You Can Easily Put It Up

"Italian Renaissance"

Design No. 7-D-1236

True to style, artistic, beautiful and effective throughout. A most pleasing design.

Add 1 foot to the length and width of your room when estimating number of squares to be needed.

Cornice—4 inches deep and 4 inches projection.

Filler—Width varies.

Border Plate—11 inches wide with corner plates 11x11 inches to match.

Field plate—stamped in sheets 24x48 inches with figures in 6 inch multiples.

We recommend a larger cornice for store ceilings.

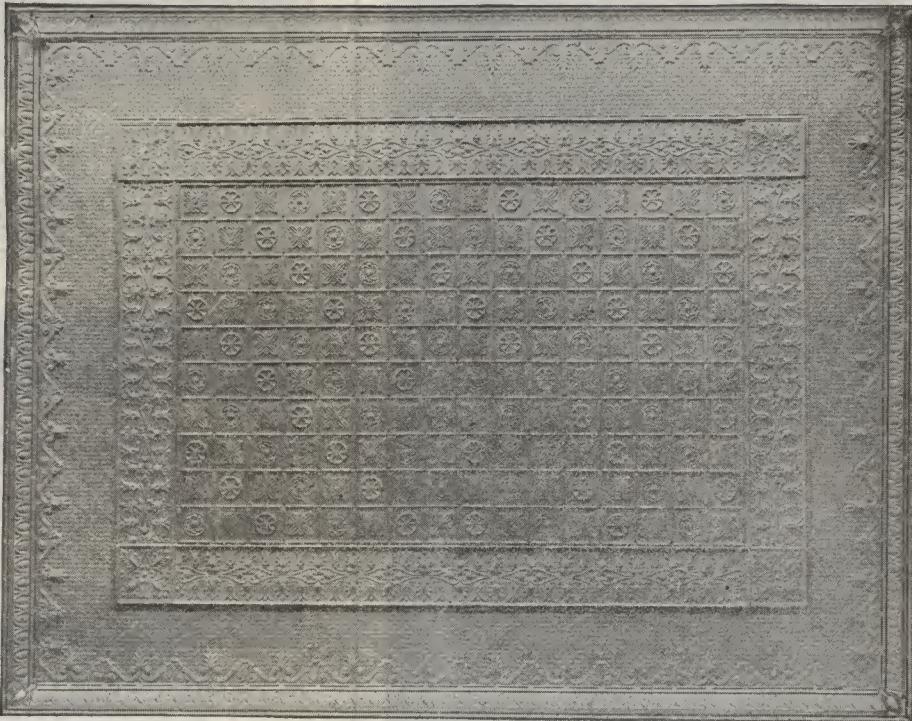
Prices include all the necessary ceiling plates, cornices, fillers, wood brackets and blue prints for erecting.

Design No. 7-D-1236

Price based on room 15 x 20 feet and larger. Per 100 sq. ft.....\$3.95

Price based on room 20 x 40 feet and larger. Per 100 sq. ft..... 3.75

Price based on room 25 x 60 feet and larger. Per 100 sq. ft..... 3.55



"Greek"

Design No. 7-D-1100

Simplicity, regularity and a very pleasing style of originality are most artistically combined in this design.

Add 1 foot to the length and width of room when estimating number of squares in the ceiling.

Cornice—4 inches deep and 4 inches projection.

Filler—width varies.

Border Plate—11 inches wide with Corner Plates 11x11 inches to match.

Field Plate—Stamped in sheets 24x48 inches with figures in 6 in. multiples.

We recommend a larger cornice for store ceilings.

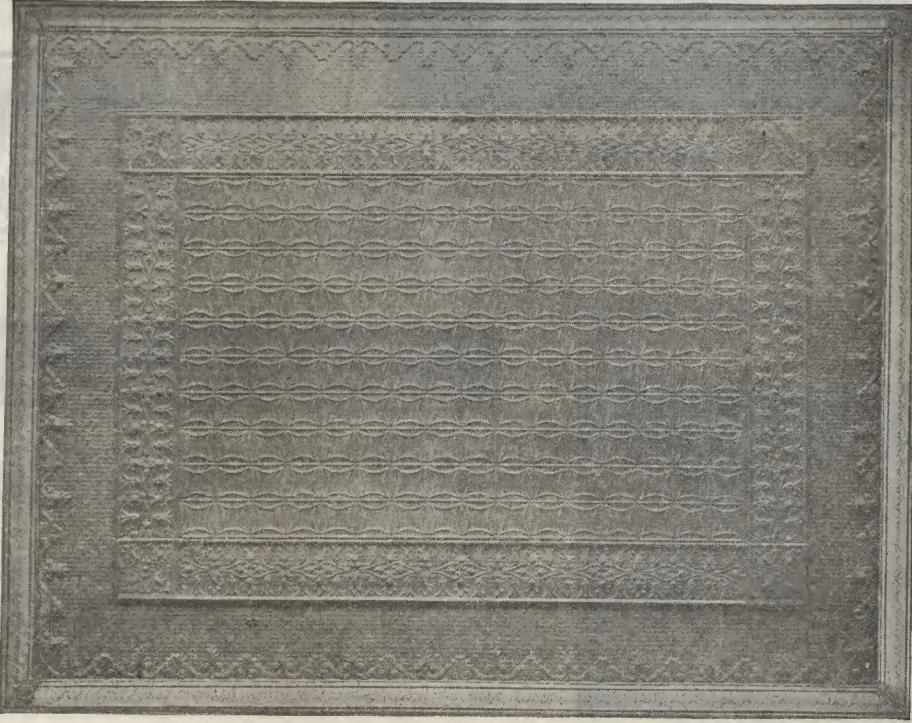
Prices include all the necessary ceiling plates, cornices, fillers, wood brackets and blue prints for erecting.

Design No. 7-D-1100

Price based on room 15 x 20 feet and larger. Per 100 sq. ft.....\$3.95

Price based on room 20 x 40 feet and larger. Per 100 sq. ft..... 3.75

Price based on room 25 x 60 feet and larger. Per 100 sq. ft..... 3.55



ORNAMENTAL SIDE WALLS AND CORNICES



Gothic Ornamental Side Wall No. 7-D-2276

Wainscoting 32 inches high; Chair Rail 6 inches wide and Wall Plate 4, 6, or 8 feet in length.

Price based on room with 10-foot ceiling. Price per 100 square feet.....\$3.80

Above price is F. O. B. Chicago. Write for prepaid-freight prices.



No. 7-D-4387



No. 7-D-4198—Frieze, 12 inches wide. It frequently occurs that by using a frieze between the cornice and top of wall plate, a great deal of waste can be avoided. Such a finish also adds greatly to the appearance of our side wall designs; and where a more ornamental finish is required, the use of a frieze is recommended. Per lineal foot.....5c



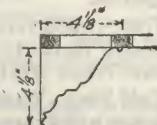
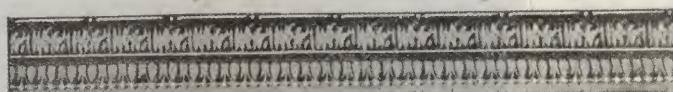
No. 7-D-4622—Chair Rail, 6 inches wide. This chair rail is to be used between wainscoting and side wall plate when entire walls are covered with metal, or to finish at the top of the wainscoting when same is used without a wall plate. Per lineal foot.....6c



No. 7-D-4843—Flat Mold, 4 inches wide. In buildings where a cornice cannot be used around the entire room, it is necessary to finish along the walls or windows with a flat mold. Such is the case in store buildings where a glass front extends to the ceiling; in such cases the mold will be shipped with your order. Per lineal foot.....3c



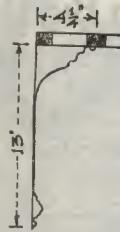
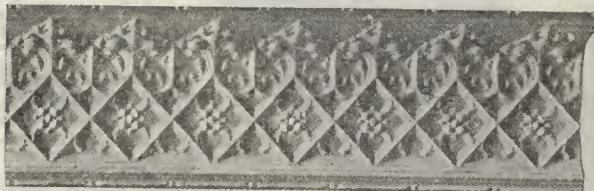
No. 7-D-8046—Cornice. 3 inch projection—4 inches deep. Where our cheaper ceiling plates in a low ceiling are used, this small cornice will make a neat finish against the wall and add to the appearance of the room. Price per lineal foot.....5c



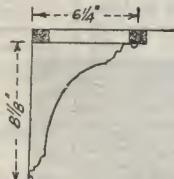
No. 7-D-8048—Cornice. 4 1/2 inch projection. 4 1/2 inches deep. A richly embossed cornice of small size that harmonizes with any of our ceiling designs and can be used in rooms with high ceilings where the openings extend to within a few inches of the ceiling. Price per lineal foot.....6c

No. 7-D-4387 Wainscot, 24 inches wide, 32 inches high. When it is not intended to cover the entire walls with metal, an ornamental metal wainscoting with metal chair rail at the top is recommended. When such a finish is contemplated, the wainscoting illustrated will be found very appropriate. Per square foot.....4 1/4c

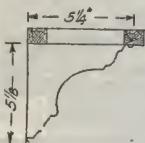
ORNAMENTAL SIDE WALLS AND CORNICES



No. 7-D-4411—Cornice. $4\frac{1}{4}$ inch projection—15 inches deep. This Cornice represents a combination frieze and cornice and is appropriate for use in rooms with high ceilings. The deep, rich, embossed stamping of Gothic architectural style produces a very pleasing effect, when used in connection with our designs stamped in 12 or 24 multiples. Price per lineal foot.....10c



No. 7-D-4815—Cornice. $6\frac{1}{4}$ inch projection— $8\frac{1}{8}$ inches deep. This Cornice is not very deep but the wide projection gives it a heavy effect and it can be used with very high or medium high ceilings. Price per lineal foot.....8c



No. 7-D-8049—Cornice. $5\frac{1}{4}$ inch projection— $5\frac{1}{8}$ inches deep. This Cornice has a plain, neat stamping that harmonizes well with any of our ceiling designs. Price per lineal foot.....7c



No. 7-D-8047—Cornice. $2\frac{1}{2}$ inch projection— $2\frac{1}{2}$ inches deep. A good substitute for Cornice 7-D-8046 in rooms with very low ceilings. Price per lineal foot.....3c



Italian Ornamental Side Wall

Design No. 7-D-2263

Wainscoting 32 inches high; chair rail 6 inches wide, and wall plate 4, 6, or 8 feet in length.

Price based on room with 10-foot ceiling. Price, per 100 square feet \$4.00.

Above price is F. O. B. cars Chicago. Write for freight prepaid prices.



No. 7-D-4015

No. 7-D-4015—Centerpiece, 4x4 feet—2 inches deep. When Ceilings are installed in large rooms, we recommend a centerpiece 4x4 feet as above, for every chandelier used in the ceiling. This pattern is very ornamental and adds a great deal to the appearance of the ceiling. Price Each.....\$1.20

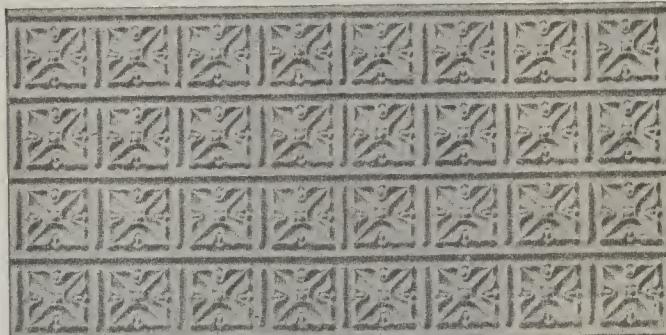
No. 7-D-4180—Centerpiece, 2x2 feet—3 inches deep. The appearance of a ceiling is greatly improved by the use of centerpieces for every gas jet or electric chandelier in a room. These are appropriate for use in all kinds of rooms where metal ceilings are installed. Price each 60c



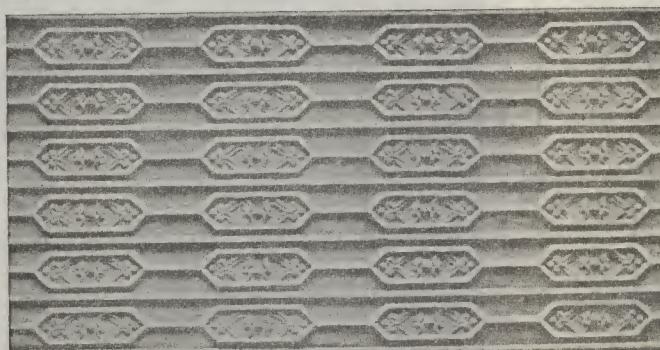
No. 7-D-4180

ORNAMENTAL STEEL CEILINGS

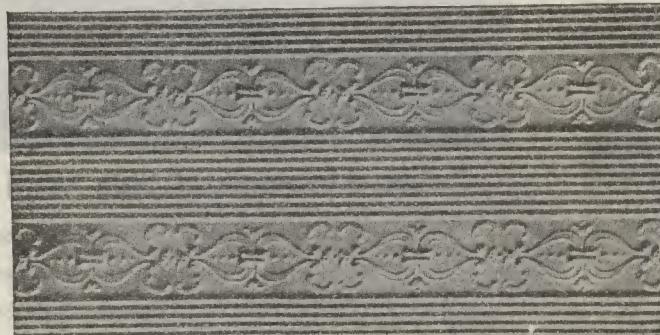
Three Very Artistic Designs in Big Demand Owing to Their Low Price



Design No. 7-D-8050. Ceiling or Wall Plate 24x96 inches.



Design No. 7-D-8051. Ceiling or Wall Plate, 24x96 inches.



Design No. 7-D-8045. Ceiling or Wall Plate, 24x96 inches.

Design No. 7-D-8050

We recommend this design for small square rooms with a low ceiling. A neat effect will be produced by using this design with a very small cornice. The figures are stamped in multiples 6x6 inches, which kind of stamping would harmonize with small rooms. A small cornice as illustrated on previous page can be used with this plate.

Price per square of 100 square feet.

\$3.05

Price F. O. B. Factory in Ohio

Design No. 7-D-8051

We recommend this design for rooms where a cheaper ceiling is desired. It can be applied direct to joists without the use of furring strips. The beads running lengthways of the sheets every 3 inches, produce a very rigid sheet which makes it easy to handle by workmen erecting the ceiling.

Price per square of 100 square feet.

\$3.00

Price F. O. B. Factory in Ohio

Design No. 7-D-8045

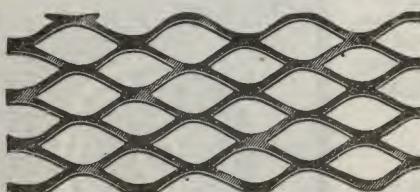
This pattern is used extensively for side wall work in connection with an ornamental chair rail and wainscot plate. While it can be used on the ceiling, we consider it more appropriate for side wall work. The style of this pattern will harmonize as a side wall finish with any of the ceiling designs illustrated in this book.

Price per square of 100 square feet.

\$2.40

Price F. O. B. Factory in Ohio

Expansion Metal Laths



For use in fireproof buildings or any place where wood lath is used. Contraction and expansion caused by moisture are directly responsible for plaster cracking. This is entirely overcome by the use of Metal Lath. It is also used extensively for concrete reinforcing. Comes in bundles containing 26 $\frac{2}{3}$ square yards.

7-D-1112.	27 guage.....	per sq. yd.
7-D-1113.	26 guage.....	per sq. yd.
7-D-1114.	25 guage.....	per sq. yd.
7-D-1115.	24 guage.....	per sq. yd.

Plain	Painted	Galvanized
11 $\frac{3}{4}$ c	13 $\frac{3}{4}$ c	23c
13 c	15 c	25c
14 c	16 c	28c
15 $\frac{1}{2}$ c	17 $\frac{1}{2}$ c	31c

HARRIS BROTHERS COMPANY, 35th and Iron Streets, Chicago, Ill.

It Won't Burn

COMPOSITION
 Top and Bottom Layers—Strong, heavy Fibre Board.
 Center Layer—Rock Plaster Composition.

NOTE—EUREKA Plaster Board is full 5-16 of an inch thick, much heavier and stronger than any similar plaster board on the market. With its two heavy layers of fibre paper and between these a thick layer of Rock Plaster Composition, it is equal to eight-ply of the old style sheathing. Made by special process. Enormous pressure is applied and when the composition has set, it is practically a solid mass.

Do not confuse our Eureka Fire-Proof Plaster Board with the many cheap substitutes now on the market. THERE'S A DIFFERENCE.

EUREKA Plaster Board combines in one operation, five distinct advantages

1. WALL COVERING

The perfect substitute, better than lath and plaster.

WHY?

BECAUSE it is safer and cheaper and it does away with 99% of the muss and dirt which is unavoidable with the old style lath and plaster. There is no dampness to contend with, nor waiting for the walls to dry out. The work of interior finish can proceed at once.

WHY?

BECAUSE it is a well known fact that fibre paper itself, when closely packed together, will not burn through even when exposed to a direct flame. The edges and corners may become charred, but it would take the heat of the hottest furnace a long time to thoroughly consume it. By actual test it will stand 1700 degrees of heat. The outside layers of fibre are thoroughly saturated with the Rock Plaster Composition and this material absolutely CANNOT burn.

WHY?

BECAUSE if ordinary plaster is considered reasonably sound-proof, we make it 99% more so in manufacturing our EUREKA Plaster Board by putting on each side of plaster, a heavy layer of fibrous paper which everybody knows is used in all kinds of mechanical work as a sound-deadener.

WHY?

BECAUSE we all know that paper is one of the best non-conductors of both heat and cold. EUREKA Plaster Board gives 99% more protection than ordinary Plastered walls. Even the hottest rays of the sun cannot get through this Rock Plaster Composition and the two heavy coats of fibrous paper.

WHY?

BECAUSE as a non-conductor of cold, any kind of paper is superior to other materials. Anyone familiar with building construction knows that sheathing paper is used between sheathing and siding on the outside walls for protection against the wind and cold. Every one knows that a single sheet of newspaper wrapped around your body under your coat, will keep you warm on a cold day, and it stands to reason that EUREKA Plaster Board, with its two thicknesses of good quality heavy fibrous paper, is impervious to the severest weather. As a fuel saver alone, if it had no other merits, EUREKA Plaster Board would pay for itself in a season or two.

THE MOST ECONOMICAL

Besides being a fire-resistant, a sound-deadener and a non-conductor of heat and cold, EUREKA Plaster Board actually is much cheaper than the old-fashioned method of construction, and combines many advantages which are not obtained with lath and plaster. It can be put on in just one-third the time required for lath and plaster, and it takes the place of the first and most expensive coating of plaster which is absolutely essential with the old method. And further than this, EUREKA Plaster Board makes by far the most enduring walls and will last as long as your building stands.

MAKES A PERFECT BOND WITH PLASTER

There is a firm grip to EUREKA Plaster Board, even firmer than the clinch on metal or wooden lath. The adhesion is perfect. For this operation it is not necessary to moisten the wall, therefore, a big saving in labor is effected; also, you do not have to wait a long time for your walls to dry out, which is always an additional expense and disagreeable feature attached to the lath and plaster process.

NO WASTE

Every inch of EUREKA Plaster Board can be used. It cuts with a smooth, even edge and positively will not crack in sawing or nailing.

Eureka

FIVE-IN-ONE

FIRE PROOF SHEET PLASTER BOARD



MANY USES

Without Plaster

You can put wall paper or burlap right over EUREKA Plaster Board and have the coziest, most comfortable kind of rooms. When papered over, best results are obtained by filling the joints smooth with plaster or by pasting strips of muslin over the joints. For Summer Cottages EUREKA Plaster Board is just the thing. The expense of applying plaster is completely done away with.

Ordinary Kalsomine or Paint can be applied directly to the surface of EUREKA Plaster Board making a good finished wall without the use of plaster, at almost one-half the cost of lath-and-plaster wall.

With Plaster

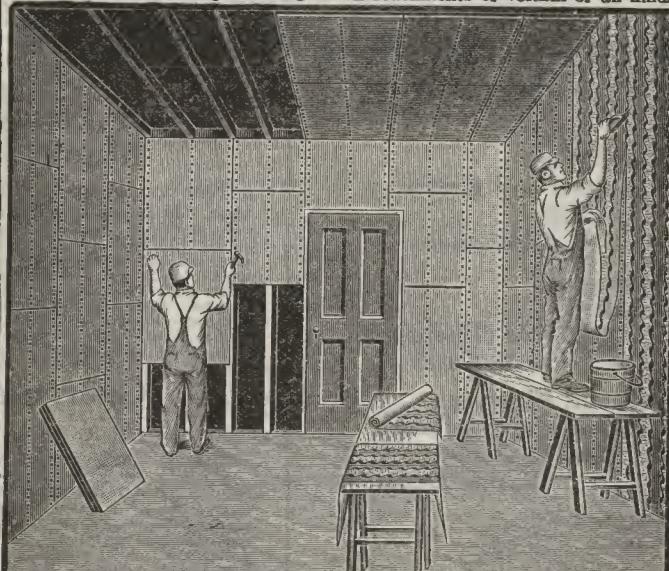
When the highest grade of work is required first apply a one-fourth to three-eighths inch brown coat of any good brand of hard wall or wood-fibre plaster over EUREKA Plaster Board, and then, after this has thoroughly set, top it off with a thin coat of finishing plaster. On account of the added weight of the plaster it is advisable sometimes to put in cross pieces between the ceiling joists for extra nailing strips. This is not necessary on the side walls except to give support where most needed, say about the first joint from the floor.

For Repair Work

After the cracked and broken plaster has been removed EUREKA Plaster Board can be nailed directly on to the old lath, in a building where you wish to repair, then finished with a thin, white coat.

For Poultry Houses, Etc.

EUREKA Plaster Board is positively VERMIN PROOF and makes excellent walls for poultry houses, barns, etc. It is very effective in preventing the encroachments of vermin of all kinds.



Easily Applied

The picture shows how simple is the process of putting EUREKA Plaster Board on the walls and ceiling. It cuts as readily as a board and leaves an even edge without cracking. Can be put on by anyone who knows how to swing a hammer.

Sheets are 32 x 36 inches and are nailed directly to studding, set 16-inch centers. Spacing—Space boards 4-inches apart, breaking joints. For Nailing use 14-inch wire nails with small shank and large heads, spacing nails 4 to 6 inches apart. For Cutting, use ordinary cross-cut saw.

EUREKA Plaster Board is regularly put up in crates containing two squares (200 sq. ft.) 25 sheets to the crate, size of each sheet 32 x 36 inches.

No. 22-H-1730. Price, F. O. B. Cars Chicago, and F. O. B. Cars Central East, per square (100 sq. ft.) \$1.95

Shipping weight, per square, 140 pounds.

We also manufacture larger sizes to meet special requirements and can furnish sheets 32x72 inches (crate 224 sq. ft.), 36x72 inches (crate 216 sq. ft.), 48x72 inches (crate 216 sq. ft.).

Price, per square (100 square ft.) F. O. B. Chicago only..... \$2.25

HARRIS BROTHERS COMPANY, 35th and Iron Streets, Chicago, Ill.

LUMBER BARGAINS

Over 20 Million Feet Always Ready for Quick Shipment

Write
Today for

Freight Paid Prices

Send Us Your
Lumber Bill

4 BIG SHIPPING POINTS FOR LUMBER 4

CHICAGO: We have upwards of 10,000,000 feet of guaranteed, up-to-grade new lumber at all times ready for shipment at our mammoth 40-acre plant right here in Chicago. Orders for everything in Lumber promptly filled at lowest, wholesale Direct-To-Consumer Prices.

MISSISSIPPI: If you are located in the South—or even if you live in the North and can allow the difference in time, 1 to 2 weeks depending upon distance, as against shipments from Chicago—it will pay you a saving in freight and handling charges to let us ship direct from our complete new Lumber Manufacturing, Seasoning and Storage Plant at Jackson, Mississippi, described more fully below.

ST. LOUIS: If you are centrally located in the territory between Chicago and Jackson, we can ship to you direct from our St. Louis branch yards at a saving in Freight Charges. We have there large and complete stocks for immediate shipment.

WASHINGTON: To our customers in the Western and Northwestern States we can ship direct from our WASHINGTON mill connections, Fir Timbers, Dimension Boards, Finish, Cedar Shingles, Sidings, etc., etc.

Acres of High-Grade
Millwork on Hand
at a Big Saving

All Ready to Build
“The Harris Way”

Cabinet Work
Mantels and Grates
Grilles
Colonnades

Side Boards
Buffets
Interior Columns
Book Cases

Hardwood Flooring
Casing and Baseboard
Inside Doors
Outside Doors

Window Casings
Door Casings
Patent Lath
Mouldings

Beaded Ceiling
Chair Rail
Picture Mould
Baluster Stock

Colonial Columns
Mirror Doors
Art Glass
Plate Glass
Etc., Etc., Etc.

The World's Greatest Lumber Yards For “Direct-to-Consumer” Shipments

We are Leaders in Lumber! Our immense facilities for the purchase and marketing of lumber of every kind Direct-To-Consumer are unequaled by any other concern. At our Main 40-acre Plant, 35th and Iron Streets, Chicago, we have the largest, best equipped lumber yard of its kind in the world. From the heart of the great Central Manufacturing District, we ship thousands of cars of lumber and other material to customers in every part of America.

Acres of Lumber ready for your inspection. We invite Home Lovers, Builders, Carpenters, Contractors and all others interested in building operations to visit our Plant at any time and see with their own eyes the unusual advantages we offer to the purchasers of Lumber and Building Material of every kind. Customers are urged to come right into our Yards and see their shipments loaded into the car. “Seeing is believing.” Visit our plant and judge for yourself!

Our New Modern “Direct-to-You” Lumber Manufacturing Plant at Jackson, Miss.

This model up-to-date plant is mechanically complete in every labor-saving feature. It is equipped with the very latest improvements for increased efficiency and economy in the manufacture of lumber and millwork. It is located in the heart of one of the finest timber sections of the United States, and is easily reached by half a dozen railroads, thus effecting a substantial saving in freight and handling charges to our customers.

At our Jackson Plant, in addition to all kinds of Yellow Pine and Cypress Lumber, we also carry Soft Oregon Fir, Spruce and California Red Wood. Vast supplies of this Pacific Coast Lumber, formerly shipped by rail, can now be brought by water via the Panama Canal at greatly reduced carrying charges. Thus making it possible for our customers in Central and Eastern markets to get the benefit of these desirable woods at a great saving over the former high prices caused by excessive railroad rates.

Guaranteed Quality Lumber at Lowest “Direct-to-You” Prices

At our various yards we carry gigantic stocks of “everything in lumber,” guaranteed high quality and strictly up-to-grade. No matter what your lumber needs may be, we can fill them at lowest prices ever made on similar goods. Here is the reason:

Our enormous volume of business—serving thousands on thousands of customers direct from our modern mills and yards—enables us to be content with a small fractional profit on each dollar's worth of business done. When you buy Lumber and Millwork from us, you save numerous in-between profits. We cut out the wholesaler, commission men, salesmen, and—**BIGGEST OF ALL—the Trust Retail Dealers' Profit and expense!** In our straight line, “Direct-To-You” Shipments, there is no waste in labor, freight charges or time; and you keep **ALL THE EXTRA “MIDDLEMAN'S” PROFITS IN YOUR OWN POCKET!**

We Ship Subject to Inspection

We PROVE our confidence in the character and quality of our Lumber, Millwork and Material by our remarkably liberal offer to ship a whole car without a penny paid in advance, allowing you five days to unload, inspect and check up the contents; provided that we are guaranteed payment, if the material proves to be as represented and specified in our bill of sale.

This is the crowning proof of quality! Could we make such an offer if our Lumber failed to stand the test? Who, besides us, dares to do as much? Judge us, then, by our deeds, and let the test of doing be the proof!

WRITE TODAY, send us your list of lumber for our estimate and latest
“Direct-to-You” Freight Prepaid Prices.

HARRIS BROTHERS COMPANY, 35th and Iron Streets, Chicago, Ill.

Now Is the Time to Build

HERE IS THE PLACE TO BUY!!

We Are Pioneers in the "Direct-to-Consumer" Home Building Industry—
the Originators of the First Really Practical and Helpful Home
Building Plan—In Dealing Direct With Us You Reap
the Benefits of 23 Years' Experience

WHEN it comes to building your home, you can't be too careful. Remember that you build but once, and what is done cannot be undone—a home is for a life-time! Beware, then, of costly experiments that lead only to bitter disappointment and wasted dollars. The only safe way—the sure method of securing lasting satisfaction in home building—is to tie up to the concern that offers you the strongest actual proof of its ability to serve you best; not in mere words and claims, but in actual home-building deeds!

Talk is cheap. Sensational advertising is easily written. But, stick a pin right here, Friend: An ounce of performance is worth a ton of "promise"! So, don't be duped by freak building schemes and flashy offers, but dig right down under the grass roots and discover the rock bottom facts before you build. Sift all claims. Use your judgment. Get at the truth, the whole truth and nothing but the truth—then decide for yourself!

Build to Stay—"The Harris Way"

Build your home "The Harris Way" and you make every dollar of your home-building money bring you in the utmost possible value. "The Harris Way" is not a mushroom growth, but a positive, complete, accurate and economical building method that has ripened to perfection through a long series of years.

No theory—no experiment—no "guess work" about it! Just the "cream" of thoroughly seasoned results obtained by an organization of expert Architects and experienced practical Builders working together for one common end—better home building at lower cost! This wealth of experience is at our customers' command. It gives them a home-building service of unmatched merit, at a guaranteed saving.

Reasons For Dealing With Us

WE MAKE BIG CLAIMS—and we PROVE them! We have nothing to hide—nothing to keep back in the shadow—our methods are open and above-board; the deeper you dig, the better you please us. Your reasons for building "THE HARRIS WAY" are briefly these:

1—Most Complete Plan Book: Our \$10,000 Free Book contains more and better designs than any other. It is the most complete and convincing Book of Plans ever issued. The proof is easy—in the Book itself! Write for it today.

2—Most Helpful Service: In sound counsel, practical advice and special architectural service, "THE HARRIS WAY" offers more real value—FREE—than any other home-building plan. Our Free Blue Print offer and Special Design Plan Service prove this claim. Get them!

3—Lowest Prices: "Money talks." The shortest cut to the proof of our claim of "Lowest Prices" is to compare Harris Home Prices with others. "Figures never lie." Send for our Plan Book, select any Home Design, write for our delivered prices; then judge!

4—Greatest Lumber Stocks: Again a matter of figures! What other Direct-to-Consumer Building Concerns claim to have—we really have millions upon millions of feet of clean, up-to-grade, high-class, well-seasoned, correctly manufactured lumber constantly on hand for quick shipment! Mammoth stocks of millwork and our own manufacturing plants right here.

5—More Satisfied Customers: The PROOF of this is in the list of names. In our Plan Book, alone, we give you over 100 names on one design alone, of thousands of others who have built "THE HARRIS WAY," and have been satisfied as well.

6—Strongest Guarantee: Our Satisfaction Guarantee has stood the test of over 20 years' constant use. It is backed by \$10,000,000.00 Capital and is positive protection to every purchaser of Lumber and Material from us.

To Contractors and Carpenters

"THE HARRIS WAY" offers special inducements to Contractors, Carpenters and Builders who buy their own materials. We have many customers among this well-posted class of lumber and material buyers, who have written us of the very satisfactory way we have handled their orders, and the big money-saving we have made them. We invite investigation by Contractors and Carpenters everywhere. A single trial order will prove the big advantage in dealing with us. Write for FREE HARRIS PLAN BOOK and get our complete proposition.

Don't Wait For Higher Prices

Delay in building operations is apt to be costly. The reason for this is plain. Everybody knows in a general way, at least that with each year the forest products of our country are diminishing in volume, and as the supply decreases the natural tendency of prices is to increase. We are fortunately situated to control vast supplies of lumber, and with our own big manufacturing plants we can now make lower prices that may at no distant day be impossible, as the demand for Harris-Built Homes is growing by tremendous leaps and bounds.

So, the safest way is to build that home NOW—while you can be absolutely sure of a big worth-while saving mounting up into hundreds of dollars. If you have a town lot that is now vacant, or if you are thinking of putting up a new home, barn, or other building on the farm, you should by all means get in touch with us at once and learn how easily and cheaply you can "Build-To-Stay The Harris Way." Write for our \$10,000 Free Harris Plan Book and complete information today.

Shipping Facilities

Unlike practically all our competitors who ship Mill Work from one locality and Lumber from another (neither of the items coming from the plant from which they are advertised) the bulk of our Mill Work and Lumber is shipped right from our Chicago Plant, where you can come and see the material loaded and inspect it while you wait and make your own selection. Chicago shipments not only give you the benefit of the very lowest freight charges, but save you many frequent trips to the depots. Carpenters and contractors who have suffered experiences of this sort will appreciate this information and act accordingly—if they are wise.

Freight Charges

Freight charges are very reasonable, whether shipped in large or small quantities. Of course, carload freight is the cheapest way of shipping material. Do not listen to local "wiseacres" who claim to know everything about freight, etc. If you have any doubt whatever as to what material will cost you delivered at your station, write us, and we will name you a delivered price promptly, and thus there will be no guess-work.

Our Liberal Terms

Our established terms are cash with order, and where it is at all convenient for a customer to remit in this way it will mean a saving in time and expense to him, as there will be no C. O. D. collection or return charges to be taken care of. If, however, you do not feel like sending remittance in full, you may send 25 per cent of the amount of order and material will be shipped C. O. D. for the balance.

No Money Down—on Carload Shipments

Where mill work or lumber is ordered in carload lots, we will ship without one cent down, and give 5 days' or more time to unload and inspect, provided our guarantee of payment blank is properly filled out. This method is all that can be asked by any fair-minded customer.

HARRIS BROTHERS COMPANY, 35th and Iron Streets, Chicago, Ill.

FREE—4 PAGE
COLORED PAMPHLET

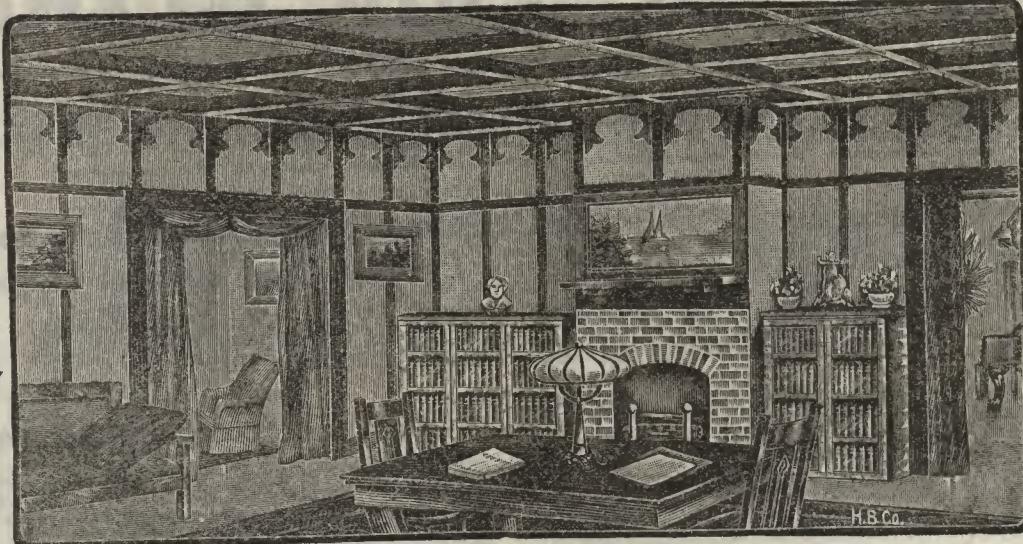
"Ceil-Tite" Wall Board

FREE SAMPLE
Mailed Upon Request

IT IS
DAMP PROOF
COLD PROOF
SOUND PROOF
VERMIN PROOF
FIRE RETARDING
WEAR PROOF

Absolutely
THE BEST
BOARD OF ITS
KIND ON THE
MARKET TODAY

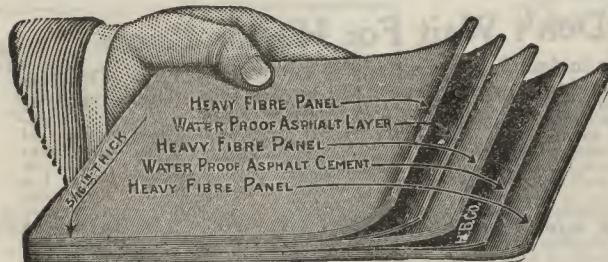
Strongest
and Most
Durable



FOR
CEILINGS
WALLS
LINING
BASEMENT
ATTICS
BARNs
GARAGES
DAIRY
BUILDINGS
POULTRY
HOUSES
ETC., ETC.

NO DIRT
PUT ON IN ONE-
TENTH THE
TIME OF PLAS-
TER—WITHOUT
ONE
HUNDREDTH
PART OF THE
DIRT and FUSS—
ALL FOR MUCH
LESS COST

An artistic interior—using "CEIL-TITE" Wall Board



"CEIL-TITE" CONSTRUCTION

VermiN Proof VermiN and germs will not nest and breed in CEIL-TITE Board, due to the presence of asphalt which is a disinfective. Plaster harbors vermiN and therefore is insanitary.

Many Uses CEIL-TITE Board is the most durable and artistic material on the market for finishing new or remodeling dwellings throughout—also for sheathing purposes and floors and roofs where perfect insulation is desired and never needs replacing.

Permanence CEIL-TITE Board, on account of the tough fibre used in guaranteed to have less contraction and expansion than any similar board on the market. Because it is made of the best quality of fibreboard, much better than that used on imitations, our fibreboard being of long, woody stock. It is unaffected by cold or heat by actual tests.

Application CEIL-TITE Board is applied directly to the studding and joists. Headers should be placed not over five feet apart and also that all four edges of the board may be nailed securely. The ceiling boards should be applied first and reach clear to the wall studs, permitting the wall sheets to fit up snugly under them. Flat Head or Box Nails and Bung Head or Casing Nails should be used. Size for direct application, 1½ inch. For applying over old plaster, 2 inch nails should be used, nails to be placed not more than 2 inches apart in both cases.

Fire Retarding CEIL-TITE Board retards the progress of fire and resists heat to a degree of high intensity. It will remain rigid and firm in place up to the time that the fire is beyond control and does not pull away or crack, thereby offering leeway to the flames as does plaster.

VALUABLE INFORMATION

Construction CEIL-TITE Board is composed of three heavy sheets of fibre board, united rigid sheet, 3-16 inch total thickness. Furnished in GRAY color, both sides or TAN one side and GRAY the other—all at same price.

Sizes CEIL-TITE Board does not require unsightly strips close together, as we are offering you the greatest selection of sizes that have ever been offered on the market; sheets as long as 16 feet, which is longer than most rooms ordinarily are in length and certainly longer than the width of almost any room. Beautiful effects for beam ceilings and side walls can be had. For instance—if your room is 16x16, you can buy the 16 foot length sheets, place a beam at every joint and thus have a perfect ceiling.

Waterproofing CEIL-TITE Board is impervious to water, moisture and dampness as it thereby insuring dry, healthy rooms regardless of outdoor conditions.

Non-Conductive CEIL-TITE Board is a non-conductor of sound, heat or cold and possesses greater tensile strength than plaster and will not disintegrate.

Decoration CEIL-TITE Board offers unlimited opportunities for artistic decorations. It can be papered, tinted, paneled, stenciled, enameled, frescoed or painted with oil or water colors. Many artistic panel designs may be obtained by its use; or the joints between the sheets of board may be filled with a crack filler, as well as the depressions over the nail heads leaving a smooth surface over which to apply the decoration. After the filler has set three or four days, scrape it off smooth, then give it a coat of shellac. It is recommended however, to get the most satisfactory job, to use panel strips over the joints, that's why we have special low prices on same below.

Shipments We guarantee safe delivery in good condition. The shipping weight is approximately 80 pounds per 100 square feet.

**35c Per 100
Lineal Feet**

Panel Strips Special Low Prices

Good Only When Ordered Together With Wall Board

Here are positively the lowest prices ever offered on panel strips, well seasoned surface stock. Prices are per 100 lineal feet.

2218282. Size 5/16x1½ in. Yellow Pine, for paint or stain finish.....	\$0.35
2218282A. Size 5/16x1½ in. Clear Yellow Pine, for varnish finish.....	.40
2218282B. Size 5/16x1½ in. Oregon Fir, for paint finish.....	.55
2218282C. Size 5/16x1½ in. Clear Oregon Fir, for varnish finish.....	.45
2218282D. Size 5/16x1½ in. Clear Plain Red Oak, for varnish finish.....	1.25

Specified lengths 25c per 100 feet extra.

Prices Plain Gray or Tan Finish Ceil-Tite Wallboard.

Prices Quoted Are F. O. B. Chicago or Ohio Factory.

Width, Inches	Length, Feet	Sq. Feet per Sheet	Price per Sheet in Less than Crate Lots	No. of Sq. Feet in a 20 Sheet Crate	Price per Sheet in Crate Lots	Weight per Sheet	Width Inches	Length Feet	Sq. Feet per Sheet	Price per Sheet in Less than Crate Lots	No. of Sq. Feet in a 20 Sheet Crate	Price per Sheet in Crate Lots	Weight per Sheet
32	6	18	\$0.40	320	\$0.36	13	48	6	24	\$0.58	480	\$0.54	19
32	7	18½	.44	373½	.42	15	48	7	28	.52	560	.63	22
32	8	21½	.50	426½	.46	17	48	8	32	.57	640	.72	26
32	9	24	.55	480	.52	19	48	9	36	.66	720	.81	29
32	10	26½	.65	533½	.60	21	48	10	40	.96	800	.90	32
32	11	29½	.70	588½	.65	23	48	11	44	1.06	880	.99	35
32	12	32	.75	640	.71	26	48	12	48	1.15	960	.03	38
32	14	37½	.00	746½	.90	30	48	14	56	1.34	1120	.25	45
32	16	42½	.25	854½	1.05	34	48	16	64	1.54	1280	.43	51

Ceil-Tite Putty, No. 22H1630. The Best. 1 lb. can, 23c per lb.; 5 lb. cans, 18c per lb.; 10 lb. can, 16c per lb. One pound will cover from 125 to 150 lineal feet of joint, including nail depression. This Ceil-Tite Putty or "Crack Filler" is good for cementing joint or filling cracks of any kind.

Wood Panel Strips When Ordered Separately. No. 22H8282. Size 5/16x1½ in., clear yellow pine, per 100 lineal ft. 54c; clear Oregon fir, 79c per 100 ft.; clear Red Oak, \$1.58

No. 9H1039. Cell-Tite Shellac, per pint..... 24c per quart 42c

No. 2H4005A. 1¼ in. Box Nails, per lb..... \$0.04 No. 2H4005A. 2 in. Box Nails, per lb..... .63

No. 2H4005. 1¼ in. Casing Nails, per lb..... .04 No. 2H4005. 2 in. Casing Nails, per lb..... .04

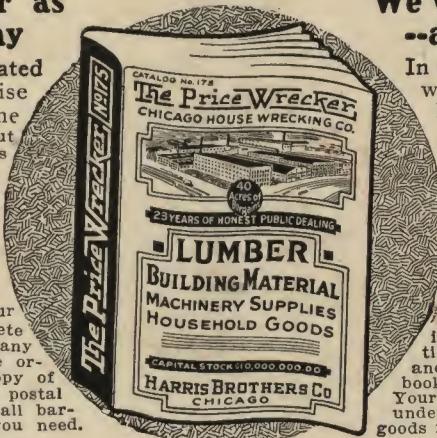
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A carefully prepared book showing actual colors of paint, making it easy to select and order. Every gallon of paint offered in this book carries with it our absolute guarantee of complete satisfaction. The proper application of paint is carefully covered in plain language easily understood by any one. Every quotation clearly shows a saving of from one-third to one-half.

This splendid book has probably the greatest array of bargains in home furnishings ever bound between two covers. Here you will find parlor suites, dining, bedroom, kitchen and office furniture, ranges and stoves at prices that save many dollars of your money. A special bargain section is devoted to crockery, glassware and small kitchen utensils. Our different purchasing methods enable us to effect big savings.

Plymouth, Ind. Oct 20, 1913
 Harris Bros. Co., Chicago, Ill.
 Gentlemen:—I have just recently completed my building, and have been complimented on it dozen of times, as being one of the nicest residences in this city. Before deciding to purchase the material from you, I took the time and trouble to investigate and compare prices and quality of the largest material firms in the country, and after much computation along this line decided that you people had the only real money saving proposition.
 I was not short a single item in erecting the house. In fact I had some lumber left. I saved at least \$300.00. Yours respectfully,
 (Signed) Ormond E. Swinehart.



Old Orchard, Me. Oct. 26, 1912
 Chicago House Wrecking Co.
(Now Harris Bros. Co.)
 Chicago, Ill.

Gentlemen: The material for my house, No. 147, arrived safely and I am more than pleased, as it goes far beyond my expectations. I am very glad, as people of Old Orchard have wondered at my sending so far away when Maine is so full of woods. However I am glad I sent for it and it has paid me for waiting.

yours truly,
 (Signed) Mrs. C. M. Parker.



Eagle Grove, Iowa, Aug. 2, 1913
 Harris Bros. Co.
 Chicago, Ill.

Dear Sirs:
 The house design 151 about finished. It sure is a fine building. The material has been of the best and I feel perfectly satisfied with my purchase. Again thanking you for the fair dealings you have shown me. I remain

Yours truly,
 (Signed) Claude D. McVicker.

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The illustrations shown on this page are reproductions of photographs sent to us unsolicited by customers who built these homes according to the plans and specifications in our beautiful \$10,000 book of plans, a copy of which we shall be pleased to mail you free on request. Indeed, if you have any thought of building, now or at some time in the future, you cannot afford to be without this book. Not only will it save you a great deal of money, but it will give you many practical, helpful suggestions as to the kind of house, barn or other building you may be thinking of constructing.

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 CHICAGO, ILL.

The Photograph of a Street Full of Our Houses
 Above, Is A Scene Many Times Repeated.

Rochdale, Mass., Jan. 29, 1914
 Mr. A. Harris,
 Dear Sir:

Enclosed you will find three photographs of my house, design No. 6 which I promised to send you some time ago. You will notice a few alterations that I made to suit my own liking on the back and where the kitchen is. I built it four feet longer and ten feet wide and changed the door to the side, which you will notice in the photographs. I am well pleased with this house and also the firm which I bought it from.

Yours very truly,
 (Signed) Howard C. Merriam.



Troy, N. Y. Dec. 26, 1913
 Chicago House Wrecking Co.,
(Now Harris Bros. Co.)

Chicago, Ill.

Gentlemen:
 Enclosed please find print of the four houses we bought of you. We are well pleased with same. Wish you a Happy and Prosperous New Year, we remain

Yours very truly,
 Flynn Brothers.



Duquesne, Pa. Sept. 20, 1912
 Chicago House Wrecking Co.,
(Now Harris Bros. Co.)
 Chicago, Ill.

Gentlemen:
 I wish to acknowledge with thanks the receipt of the window shades you sent to Mrs. Delo. We are very much pleased with them, and in fact with the whole transaction. The quality of the lumber sent us was even beyond our expectations, and we are well satisfied with the whole house. Will send a photo as soon as it is taken.

Cordially yours,
 (Signed) D. G. Delo.